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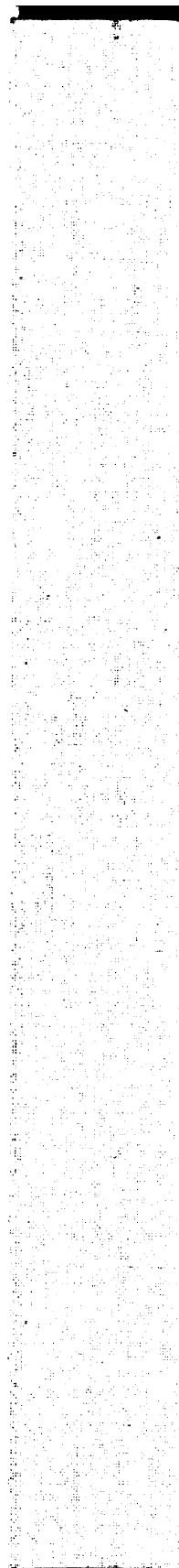
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# FLORA

of the

## Town of Southington, Conn. and its Vicinity

A LIST OF THE

### Hern and Seed Plants

GROWING WITHOUT CULTIVATION

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PREPARED BY

CHARLES HUMPHREY BISSELL

AND

LUMAN ANDREWS

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Connecticut School Document No. 15

Published by the State Board of Education

1902



# FLORA OF THE TOWN OF SOUTHING- TON AND VICINITY

A LIST OF  
THE FERN AND SEED PLANTS GROWING WITHOUT CULTIVATION

PREPARED BY CHARLES HUMPHREY BISSELL  
AND LUMAN ANDREWS

## PREFACE

The town of Southington, Connecticut, lies near the middle of the state, being slightly to the west and south of the geographical center.

Its boundaries are somewhat irregular, but the general shape is a square with sides about six miles long, giving an area of approximately thirty-six square miles. The larger part of this surface lies in a valley between ranges of hills on the east and west. The lower parts of the valley are about one hundred and twenty-five feet above sea level, while the tops of the hills rise to an elevation of nearly one thousand feet. The soil varies greatly. The western line of the town follows the crest of the ridge that marks the eastern edge of the granite region of western Connecticut. This abrupt ridge rising seven to eight hundred feet above the valley runs north and south in nearly a straight line for many miles. It is known as Wolcott Mountain, and the soil is there entirely granitic. The surface of the valley is mostly glacial drift of different kinds. In one section are sand plains interspersed with ponds and sandy swamps. In another part are clay beds, in still another are deposits of sandy gravel covering a large area.

In depressions of this gravel plain are several ponds and peat bogs. In the central part of the valley and along the foothills to the east are sections with a heavier soil formed by the disintegration of deposits of Connecticut River sandstone. The eastern boundary of the town lies among precipitous hills of trap rock that have been forced up through the sandstone and have left the latter upturned and broken in all directions. These trap ridges rise to about the same height above the valley as the granite hills to the west, but are more rugged and are known as Meriden, Short, High Rock, and Shuttle Meadow Mountains.

Most of this region has hard trap soil, but in one section is found a deposit of limestone, from which can be made a fine quality of cement, and which was considerably worked in former years. This trap region is a most fascinating country for the botanist.

Two good sized lakes or ponds (Shuttle Meadow and Crescent Lakes), used as reservoirs, lie well up among the trap hills. Another (Lake Compounce) lies in the plain at the foot of the granite ridge on the west. The little Quinnipiac River is the largest stream. It crosses the town from north to south, and with its tributaries drains nearly all its surface. The variety of soil and habitat, in connection with the differences in elevation, give the town an unusually large flora. Leaving aside species that are confined to the seashore, those that follow the large rivers, and northern species found only in the northwestern part of the state at greater elevations, the flora of Southington well represents the higher plant life of the state.

The larger part of the species listed are represented at the Gray

Herbarium of Harvard University by specimens from Southton. As such specimens can easily be consulted, reference has been made to them by number in the list, thus (105A) would show that a specimen with that number, collected by Mr. Andrews, is at the Gray Herbarium, and a number with the letter B instead of A would refer to specimen collected by Mr. Bissell. Reference is also frequently made to specimens in the private herbaria of the authors. In a few rare cases species have been included in the flora that have not been collected by the writers in the town, but they have been found by them in the immediate vicinity, and it is probable that nearly all of such species occur within our limits.

The invariable rule has been to admit no name that has not an extant specimen back of it. The sequence of families is essentially the same as that of Engler and Prantl's "Naturliche Pflanzenfamilien." The nomenclature is in general that of the Gray Manual and the Synoptical Flora, synonymous names being given in many cases. In some genera, however, in which many changes and segregations have been made of late, such as *Carex*, *Scirpus*, *Rubus*, *Agrimonia*, *Antennaria*, and others, a more recent treatment has been followed. Notes as to most of these changes can be found in the files of "Rhodora," the journal of the New England Botanical Club.

Following the usage of the Gray Manual, the specific names of plants native to the region covered by the Manual, are printed in full face type, those of plants not indigenous to the Northeastern United States in small capitals. This does not show exactly the native flora of the town, as some species not formerly found here, but native further west, have been introduced and become established. Waifs and stray plants often spring up and remain for a season or more and then disappear. While not a part of the true flora, it is desirable that their occurrence should be recorded, and as being more convenient than a separate list, such plants have been included in the body of the flora, but the specific names are printed in italics. To indicate the degree of frequency of occurrence as nearly as possible, four adjectives have been used, "common," "frequent," "occasional," "rare." These terms, however, are to be understood as qualified by the following statement as to habitat. Thus a plant given as "frequent, swampy meadows" might not be found at all in other situations.

The habitats have been given with care, and we believe them to be correct for local conditions and this station.

Mr. G. E. Davenport has examined the Filices, Mr. E. D. Merrill the Gramineae, and Mr. M. L. Fernald the Cyperaceae.

Dr. B. L. Robinson and Mr. M. L. Fernald have determined many doubtful specimens and advised throughout as to nomenclature; to them we are much indebted for their assistance and kindly interest.

C. H. BISSELL,  
L. ANDREWS.

## Pteridophyta. Fern Plants

### OPHIGLOSSACEAE. ADDER'S TONGUE FAMILY

#### BOTRYCHIUM, Swartz. Moonwort

- B. ternatum**, Swartz, var. **obliquum**, Milde. (B. obliquum, Muhl.)  
Occasional. Sandy soil, in both moist and dry places. Aug.-Sept.  
(136A.)
- B. ternatum**, Swartz, var. **dissectum**, Milde. (B. dissectum, Spreng.)  
Rare. Sometimes seen growing with var. obliquum. Aug.-Sept.  
(592 Bissell Herb.)  
As to a specimen collected in Plainville near the Southington line,  
in sandy grass land (1014 Andrews Herb.), Mr. Davenport  
notes, "an intermediate form, nearing the normal and very near  
to Mr. Gilbert's var. oneidense."
- B. virginianum**, Swartz.  
Frequent. Rich, moist woods, throughout. June. (833B.)

### FILICES. FERN FAMILY

#### OSMUNDA, L. Flowering Fern

- O. regalis**, L. Royal Fern  
Common. Wet woods and swampy meadows, throughout. May.  
(143A.-826B.)
- O. Claytoniana**, L. Interrupted Fern  
Frequent. Fields, roadsides, and woods, throughout. May.  
(144A.)
- O. cinnamomea**, L. Cinnamon Fern  
Common. Swamps, wet woods, and thickets, throughout. May.  
(327 Bissell Herb.)

#### LYGODIUM, Swartz. Climbing Fern

- L. palmatum**, Swartz. Hartford Fern  
Rare. Low, sandy woods, between West and Mt. Vernon Sts.  
Aug.-Sept. (172A.-825B.)

### ONOCLEA, L.

- O. sensibilis**, L. Sensitive Fern  
Common. Wet meadows, thickets, and about swamps, throughout.  
Aug. (133A.)

**O. Struthiopteris, Hoffmann. Ostrich Fern**

Rare. Border of woods, in moist, rich soil, foot of Meriden Mt. near Savage St. Aug.-Sept. (5034Bissell Herb.)

**WOODSIA, R. Br.****W. ilvensis, R. Br.**

Occasional. Dry, exposed rock ledges, along trap dykes. June-Aug. (132A.-831B.)

**W. obtusa, Torr.**

Rare. Rocky woods among the trap hills. July-Aug. (675A.-832B.)

**DICKSONIA, L'Her.****D. pilosiuscula, Willd. (D. punctilobula, Gray.) Hay-scented Fern**

Common. Shaded, moist ground in all soils; throughout. July-Aug. (824B.) Spreads by running rootstocks and often forms large colonies

**CYSTOPTERIS, Bernhadi. Bladder Fern****C. fragilis, Bernh. Brittle Fern**

Frequent. Moist, rocky woods; throughout. June. (131A.-823B.)

**ASPIDIUM, Swartz. Shield Fern****A. Thelypteris, Swartz. (Dryopteris Thelypteris, Gray.) Marsh Shield Fern**

Common. Swamps and wet places; throughout. Aug. (819B.)  
The most abundant of our ferns

**A. noveboracense, Swartz. (Dryopteris noveboracensis, Gray.) New York Fern**

Frequent. Swamps and wet woods: throughout. Aug. (149A.)

**A. simulatum, Davenport. (Dryopteris simulata, Davenport)**

Rare. Swampy woods in sandy soil, along Dayton Brook near Center St. July-Aug. (505Bissell Herb.)

**A. spinulosum, Swartz. (Dryopteris spinulosa, Kuntze.) Spinulose Shield Fern**

Occasional. Sandy, shaded swamps; throughout. July. (869B.)  
Growing with *A. Boottii* and *A. cristatum*.

**A. spinulosum, Swartz, var. intermedium, D. C. Eaton. (Dryopteris spinulosa intermedia, Underwood)**

Rare. Wet, cold woods among the trap hills. July-Aug. (818B.)  
A large form approaching the *A. spinulosum* var. *dilitatum*, Hook., found in northern New England, has been collected in moist woods near Black Pond, and is represented by 1033Andrews Herb.

**A. Boottii, Tuckerm. (Dryopteris Boottii, Underwood)**

Occasional. Sandy, shaded swamps, growing with *A. cristatum* and *A. spinulosum*. July. (814A.-871B.)

**A. cristatum, Swartz. (Dryopteris cristata, Gray.) Crested Shield Fern**

Frequent. Wet woods and shaded swamps, in sandy soil; throughout. July. (152A.-815B.)

- A. cristatum**, Swartz, var. **Clintonianum**, D. C. Eaton. (*Dryopteris cristata* Clintoniana, Underwood)

Rare. Wet woods foot of Meriden Mt. Aug. (508Bissell Herb.)

- A. Goldianum**, Hook. (*Dryopteris Goldiana*, Gray)

Occasional. Rich, moist woods along the trap hills. July-Aug. (816B.)

- A. marginale**, Swartz. (*Dryopteris marginalis*, Gray.) Evergreen Wood Fern

Common. Rocky hillsides in woods; throughout. June-Aug. (151A.-817B.)

- A. acrostichoides**, Swartz. (*Dryopteris acrostichoides*, Kuntze.) Christmas Fern

Common. Hillsides, mostly in rocky ground; throughout. July-Sept. (150A.-814B.)

#### PHEGopteris, Fee. Beech Fern

- P. hexagonoptera**, Fee. Broad Beech Fern

Common. Hillsides in rocky woods; throughout. July-Aug. (141A.-828B.) A form approaching *P. polypodioides*, Fee, and answering very closely to forms that were placed with that species by Prof. D. C. Eaton, has been collected in moist woods near Alcott Road, and is represented by 544Bissell Herb.

- P. Dryopteris**, Fee. Oak Fern

Rare. Wet, cold woods, foot of Short Mt. June-July. (827B.)

#### WOODWARDIA, Smith. Chain Fern

- W. virginica**, Smith. Virginia Chain Fern

Rare. Sphagnum bogs; Mattes Pond; Tamarack Swamp. July-Aug. (139A.)

#### CAMPTOSORUS, Link.

- C. rhizophyllus**, Link. Walking Leaf

Occasional. Shaded rock ledges, along the trap hills. July-Sept. (137A.-822B.)

#### ASPLENIUM, L. Spleenwort

- A. Trichomanes**, L. Maidenhair Spleenwort

Occasional. Crevices of rocks, precipitous cliffs of trap hills. July-Aug. (146A.-821B.)

- A. ebenum**, Ait. (*A. platyneuron*, Oakes.) Ebony Spleenwort

Frequent. Dry, rocky woods; throughout. June-Aug. (147A.-820B.)

- A. Ruta-muraria**, L. Rue Spleenwort

Rare. Crevices of rock ledges, slope of Meriden Mt. July-Sept. (5213Bissell Herb.)

- A. thelypteroides**, Michx. (*A. acrostichoides*, Swartz.) Silvery Spleenwort  
Occasional. Moist, rich woods in trap soil. July-Aug. (145A-873B.)
- A. angustifolium**, Michx.  
Rare. Rocky woods in moist, rich soil; foot of ledge near Savage St. Aug.-Sept. (5031 and 5033 Bissell Herb.)
- A. Filix-foemina**, Bernh. Lady Fern  
Common. Woods, thickets, and fencerows, usually in moist ground. July-Aug. (148A.)

## ADIANTUM, L.

- A. pedatum**, L. Maidenhair Fern  
Frequent. Rich woods in moist, rocky ground; throughout. June-Aug. (132A-830B.)

## PTERIS, L.

- P. aquilina**, L. Brake  
Common. Sandy woods, thickets, and waste ground; throughout. July-Sept. (134A-830B.) Spreads over very large tracts by running rootstocks

## PELLAEA, Link. Cliff Brake

- P. atropurpurea**, Link. Purple Cliff Brake  
Rare. In crevices of exposed ledges along the trap hills. July-Aug. (424 Bissell Herb.)

## POLYPODIUM, L.

- P. vulgare**, L. Common Polypody  
Occasional. Rock ledges, usually in shade along trap hills. June-Aug. (135A-829B.)

## EQUISETACEAE. HORSETAIL FAMILY

## EQUISETUM, L. Horsetail

- E. arvense**, L.  
Common. Sandy soil, both moist and dry; throughout. April-May. (811B.)
- E. sylvaticum**, L.  
Rare. Wet ground, Spring St., near R. R.; the only station. June. (482A.)
- E. limosum**, L. (*E. fluviatile*, L.)  
Occasional. Shallow water along the Quinnipiac River. May-June. (579 Bissell Herb.)
- E. hyemale**, L. Scouring Rush  
Common. Moist, sandy banks; throughout. June. (486A-812B.)

## LYCOPODIACEAE. CLUB-MOSS FAMILY

## LYCOPODIUM, L. Club-moss

- L. lucidulum**, Michx.  
Occasional. Cold woods in moist ravines. July-Sept. (492A.-836B.)
- L. inundatum**, L.  
Rare. Sandy bog, Spring St.; the only station. Aug.-Sept. (491A.-835B.)
- L. obscurum**, L., var. **dendroideum**, D. C. Eaton. Tree Club-moss  
Frequent. Moist, sandy woods; throughout. July-Sept. (493A.-837B.)
- L. clavatum**, L. Club-moss  
Occasional. In woods; throughout. Aug.-Sept. (567Bissell Herb.)  
Seldom seen in fruit.
- L. complanatum**, L., var. **flabelliforme**, Fernald. (L. complanatum, L. American and European authors in part.) Ground Pine  
Common. Dry woods and thickets; throughout. Sept. (494A.-834B.)
- L. tristachyum**, Pursh. (L. complanatum, L., var. *Chamaecyparissus*, Milde.) Ground Pine  
Rare. Sandy woods, along the plains, Center St., Compounce St. July-Aug. (4816 and 5037Bissell Herb.) Growing with, but very distinct in habit and branching from, L. complanatum, var. flabelliforme, and without intergrading forms. It fruits early, the strobiles being well formed in the latter part of June

## SELAGINELLACEAE. SELAGINELLA FAMILY

## SELAGINELLA, Beauv.

- S. rupestris**, Spring.  
Occasional. Dry, exposed rock ledges along the trap dykes. July-Aug. (571Bissell Herb.)
- S. apus**, Spring.  
Rare. Moist, shaded ground, New Britain. Not seen from South-ington, though reported growing in the town. July-Aug. (2012 Bissell Herb.)

## Spermatophyta. Seed Plants

## GYMNOSPERMS

## CONIFERAE. PINE FAMILY

## PINUS, Tourn. Pine

- P. Strobus**, L. White Pine  
Common. Woods, in a variety of soils; throughout. June. (191A.-564B.)
- P. rigida**, Mill. Pitch Pine  
Common. Dry, sterile soil; throughout. Most common along the sand plains. May. (192A.-563B.)

**P. SYLVESTRIS, L. Scotch Pine**

Rare. Well established at two stations, woodland and pasture, corner Savage and East Sts., sandy, waste ground near Misery Swamp; seven full grown trees and many small ones at the latter station. May. (292Bissell Herb.)

**LARIX, Tourn. Larch****L. americana, Michx. (L. laricina, Koch.) Tamarack. Hackmatack. American Larch**

Occasional. Border of peat bogs and in swamps; throughout. May. (817A.-560B.)

**L. EUROPAEA, DC. European Larch**

Rare. Roadside Marion Ave.; field North Main St.; old pasture Flanders St., at least a half mile from any planted tree. April-May. (5239Bissell Herb.)

**PICEA, Link. Spruce****P. nigra, Link. (P. Mariana, B. S. P.) Black Spruce**

Rare. Peat swamps; Tamarack swamp; Mattes Pond; Black Pond. May. (193A.-561B.)

**P. EXCELSA, Link. Norway Spruce**

Rare. Well established at several stations, woodlands about Oak Hill, Windrow Hill, waste ground corner South End and Mulberry Sts., roadside Hobart St., at Main St., sixteen young trees at this last station. May. (810A.)

**TSUGA, Carriere****T. canadensis, Carr. Hemlock**

Common. Rocky woods; throughout. May. (194A.-566B.)

**CHAMAECYPARIS, Spach.****C. sphaeroidea, Spach. (C. thyoides, B. S. P.) White Cedar**

Rare. Formerly abundant in swamp in Wolcott, now used as reservoir. A few trees are now standing in a nearby swamp. Not known from Southington. May. (559B.)

**JUNIPERUS, L. Juniper****J. communis, L., var. canadensis, Loud. Common Juniper**

Common. Rocky, sterile hills; throughout. May. (196A.-557B.)

**J. virginiana, L. Red Cedar**

Common. Rocky, sterile ground along the eastern hills, rare along the granite hills to the west. April. (197A.-558B.)

**TAXUS, Tourn. Yew****T. canadensis, Willd. (T. minor, Britton.) Ground Hemlock**

Occasional. Rocky woods, mostly under evergreens or in deep shade, along the trap hills. May. (195A.-565B.)

## ANGIOSPERMS

## Monocotyledons

## TYPHACEAE. CAT-TAIL FAMILY

## TYPHA, Tourn. Cat-tail Flag

**T. latifolia**, L. • Common Cat-tail

Common. Ponds and marshes; throughout. June-July. (487A.-624B.)

## SPARGANIUM, Tourn. Bur-reed

**S. simplex**, Huds.

Frequent. Border of ponds and streams; Dayton Brook at Center St. July-Aug. (194Bissell Herb.)

**S. simplex**, Huds., var. **androcladum**, Engelm. (*S. androcladum*, Morong.)

Common. Ponds and streams; throughout. July-Aug. (623B.)

## NAIADACEAE. POND-WEED FAMILY

## POTAMOGETON, Tourn. Pondweed

**P. natans**, L.

Rare. Quinnipiac River at Lazy Lane. July-Aug. (633B.)

**P. Nuttallii**, Cham. & Sch. (*P. pennsylvanicus*, Cham.)

Common. Slow streams; throughout. July-Aug. (839A.-634B.)

**P. Spirillus**, Tuckerman

Common. Streams and brooks; throughout. July-Aug. (830A.-634B.) Floating leaves often wanting.

**P. hybridus**, Michx. (*P. diversifolius*, Raf.)

Rare. Shallow water border of Cusick Pond. July-Aug. (632B.)

**P. alpinus**, Balbis. (*P. rufescens*, Schrad.)

Rare. Ditch, in cold spring water near Hamlin's Pond, Plainville, the only station. July-Aug. (103Bissell Herb.) A northern species not previously reported from Connecticut

**P. amplifolius**, Tuckerman

Rare. Ditch near Hamlin's Pond, Plainville, growing with *P. alpinus*. July-Aug. (106Bissell Herb.)

**P. heterophyllus**, Schreb.

Frequent. Plentiful in the Quinnipiac River near Dickerman's Corner. July-Aug. (214Bissell Herb.)

**P. perfoliatus**, L.

Common. Streams; throughout. July-Aug. (210Bissell Herb.)

**P. zosteræfolius**, Schum.

Rare. Quinnipiac River at Lazy Lane. July-Aug. (635B.)

**P. foliosus**, Raf. (*P. pauciflorus*, Pursh.)

Frequent. Shallow water border of ponds; Rohe's Pond; Sloper's Pond. July-Aug. (73Bissell Herb.)

**P. pusillus, L.**

Frequent. Ponds and slow streams; throughout. July-Aug.  
(209Bissell Herb.)

**P. Robbinsii, Oakes**

Rare. Ditches in meadows; Spring St. at Quinnipiac River. July-Aug.  
(216Bissell Herb.)

**NAIAS, L. Naiad.****N. flexilis, Rostk. and Schmidt**

Frequent. Shallow water of ponds and slow streams; throughout.  
July-Sept. (182Bissell Herb.)

**ALISMACEAE. WATER PLANTAIN FAMILY****ALISMA, L.****A. Plantago, L. Water Plantain**

Common. Shallow water along streams and borders of ponds;  
throughout. July-Aug. (628B.)

**SAGITTARIA, L. Arrow-head****S. latifolia, Willd. (S. variabilis, Engelm.)**

Common. Shallow water and borders of ponds and streams;  
throughout. July-Sept. Extremely variable as to foliage. A  
form with sagittate or halbert shaped leaves, acute at the apex,  
and with pointed basal lobes as long as the leaf blade, is com-  
mon. (815 & 817Andrews Herb.—217Bissell Herb.) A form  
with extremely narrow linear blades and basal lobes is frequent.  
(68 & 5214Bissell Herb.) A form with some of the leaves halbert  
shaped with linear lobes, others linear or lanceolate without  
basal lobes, is rare. (818Andrews Herb.) An unusual form  
with all the leaves linear lanceolate, and without basal lobes,  
has been collected at Cusick Pond. (816Andrews Herb.) Inter-  
mediate forms occur, and both sagittate and halbert shaped leaves  
can be found on the same plant

**HYDROCHARIDACEAE. FROG'S-BIT FAMILY****ELODEA, Michx.****E. canadensis, Michx. Water-weed**

Common. Ponds and slow streams; throughout. July-Sept. (315  
Bissell Herb.)

**GRAMINEAE. GRASS FAMILY****PASPALUM, L.****P. setaceum, Michx.**

Frequent. Fields and cultivated ground, in sandy soil; throughout.  
Aug. (613A.-797B.)

## PANICUM, L. Panic Grass

- P. filiforme**, L. (*Syntherisma filiformis*, Nash.) Finger-grass  
Common. Roadsides and cultivated ground in sandy soil; throughout. July-Aug. (837A-789B.)
- P. SANGUINALE**, L. (*Syntherisma sanguinale*, Nash.) Common Crab-grass  
Common. Gardens, cultivated ground and waste places; throughout. July-Sept. (623A.) A very troublesome weed
- P. GLABRUM**, Gaudin. (*P. lineare*, Krock. *P. humifusum*, Kunth. *Syntherisma linearis*, Nash)  
Occasional. Roadsides, North Shuttle St. at lake, South Shuttle St., Flanders Road. July-Sept. (793B.)
- P. agrostoides**, Muhl. (*P. agrostidiforme*, Lam.)  
Frequent. Wet meadows and along streams. Aug.-Sept. (621A.)
- P. longifolium**, Torr.  
Occasional. Roadside, Welch St., in damp, sandy soil. July-Sept. (5529Bissell Herb.)
- P. virgatum**, L.  
Rare. Sandy fields, Carter Lane, Mulberry St. Aug. (796B.)  
Has hard, wiry, creeping rootstocks, and forms dense clumps. A peculiar form collected in meadow near corner Long Bottom St. and Flanders Road is represented by 1290Andrews Herb.
- P. proliferum**, Lam. (*P. geniculatum*, Muhl.)  
Rare. Roadside, Meriden Ave. near Main St. July-Sept. (5369Bissell Herb.)
- P. capillare**, L. Old-witch Grass  
Common. Cultivated fields and waste ground; throughout. July-Sept. (620A-784B.) Troublesome as a weed. The small, prostrate form of this species, with wide spreading panicle, growing in exsiccated places, is represented by 2023Bissell Herb.
- P. MILLACEUM**, L. Millet  
Rare. Sometimes found in waste ground about dwellings. July. (2174Bissell Herb.)
- P. depauperatum**, Muhl.  
Common. Dry woods and fields and sandy plains; throughout. June. (2140Bissell Herb.)
- P. linearifolium**, Scribn.  
Common. Dry, sterile soils; throughout; growing with *P. depauperatum*. Very similar to that species, but with smaller spikelets. June. (5540Bissell Herb.)
- P. clandestinum**, L.  
Common. Woods and thickets, in sandy soil, either dry or moist; throughout. June. (617A-785B.) A form with smaller and narrower leaves, is represented by 2550Andrews Herb.
- P. macrocarpon**, LeConte. (*P. latifolium* of Gray, 6 ed. Manual in part)  
Common. Woods and thickets; throughout. June. (834A-794B.)
- P. latifolium**, L. (*P. Porterianum*, Nash)  
Rare. Rich woods along Wolcott Mt. near Lake Compounce. June-July. (5552Bissell Herb.)

- P. Scribnerianum**, Nash. (*P. scoparium*, of 6 ed. Gray Manual)  
Common. Dry, sterile soils; throughout. June. (408Bissell Herb.)
- P. barbulatum**, Michx.  
Frequent. Moist, or sometimes in dry, sandy soil. June. (791B.)
- P. dichotomum**, L. (*P. dichotomum*, L., var. *viride*, Vasey)  
Frequent. Dry woodlands; throughout. June. (2191Bissell Herb.)
- P. boreale**, Nash  
Rare. Dry or moist ground, Prospect St. June. (366Bissell Herb.)
- P. nitidum**, Lam.  
Rare. Grass land, corner Main and Hobart Sts. June. (5432Bissell Herb.)
- P. sphaerocarpon**, Ell.  
Common. Dry, sandy or sterile ground; throughout. June. (386Bissell Herb.)
- P. unciphyllum**, Trin. (*P. pubescens* of recent authors not Lamarck. See Flora of Vermont, 105. 1900.)  
Common. In all soils, in both shaded and open ground, with all degrees of moisture from swamps to exposed hilltops. Everywhere present in some of its numerous forms. June-July. (5617Bissell Herb.)
- P. unciphyllum**, Trin., var. *implicatum*, Scribn. (*P. implicatum*, Scribn.)  
Rare. Moist, sandy ground, Welch St. June-July. (5590Bissell Herb.)
- P. languinosum**, Ell.  
Occasional. Sandy, shaded ground; throughout. June. (5593Bissell Herb.)
- P. columbianum**, Scribn.  
Occasional. Sandy soil near Lake Compounce and along the sand plains. June. (5595Bissell Herb.)
- P. CRUS-GALLI**, L. (*Echinochloa Crus-galli*, Beauv.) Barnyard Grass  
Common. Cultivated and waste ground, in rich soil; throughout. July-Sept. (622A.-786B.)
- P. WALTERI**, Pursh. (*P. Crus-galli*, L., var. *hispidum*, Torr.) Cockspur Grass  
Rare. Muddy places along the Quinnipiac River. Aug.-Sept. (619A.-787B.)

SETARIA, Beauv. Bristly Foxtail Grass

- S. GLAUCA**, Beauv. (*Chaetochloa glauca*, Scribn.) Pigeon Grass  
Common. Cultivated ground, fields and waste places; throughout. July-Aug. (516A.) Rare in trap soils
- S. VIRIDIS**, Beauv. (*Chaetochloa viridis*, Scribn.) Green Foxtail Grass  
Common. Fields and waste ground; throughout. June-Aug. (515A.-805B.) More common in trap soils
- S. ITALICA**, Kunth. (*Chaetochloa italica*, Scribn.) Italian Millet  
Rare. Roadsides in rich soil, Meriden and Waterbury road near Cherry St. Aug. (2212Bissell Herb.)

- S. ITALICA**, Kunth., var. **GERMANICA**, Palis. Hungarian Grass  
Occasional. Roadsides and waste ground; throughout. July-Aug.  
(2136Bissell Herb.)

**CENCHRUS**, L. Hedgehog Grass

- C. tribuloides**, L. Bur Grass  
Frequent. Sandy, waste ground; throughout. Aug.-Sept. (835A-744B.)

**LEERSIA**, Swartz. White Grass

- L. virginica**, Willd. (*Homalocenchrus virginicus*, Britton.) Cut Grass  
Common. Wet woods and swamps; throughout. Aug.-Sept. (609A-774B.)  
**L. oryzoides**, Swartz. (*Homalocenchrus oryzoides*, Poll.) Rice Cut Grass  
Frequent. Wet swamps and in shallow water along streams, in shaded places; throughout. Aug.-Sept. (610A-773B.)

**ANDROPOGON**, Royen. Beard Grass

- A. virginicus**, L. (*A. dissitiflorus*, Michx.)  
Rare. Roadside in sandy loam, Berlin St. near South End St. Sept. (5222Bissell Herb.)  
**A. provincialis**, Lam. (*A. furcatus*, Muhl.)  
Frequent. Roadsides, fields, and waste ground in sandy soil, both dry and moist; throughout. Aug.-Sept. (607A-730B.)  
**A. scoparius**, Michx.  
Common. Sandy and sterile ground; throughout, covering large areas of sand plains. Aug.-Sept. (731B.)  
**A. nutans**, L., var. **avenaceus**, Hack. (*Chrysopogon nutans*, Benth. *C. avenaceus*, Benth.) Indian Grass  
Occasional. Border of woods and in waste ground, sandy, or sterile soil; throughout. Aug. (608A-745B.) A handsome grass

**PHALARIS**, L. Canary Grass

- P. CANARIENSIS**, L. Canary Grass  
Rare. Waste ground about dwellings. July-Aug. (626A-798B.)  
**P. arundinacea**, L. Reed Canary Grass  
Frequent. Wet meadows and along streams; throughout. June. (2287Bissell Herb.)  
**P. ARUNDINACEA**, L., var. **PICTA**. (Hort.) Ribbon Grass  
Rare. Sometimes found along roadsides as an escape from gardens. June. (988Andrews Herb.)

**ANTHOXANTHUM**, L.

- A. ODOBATUM**, L. Sweet Vernal Grass  
Common. Fields, meadows, pastures, and waste ground, usually in moist soil; throughout. May-June. (606A-732B.)

## ARISTIDA, L. Triple-awned Grass

**A. dichotoma**, Michx. Poverty Grass

Common. Roadsides and fields in sandy, barren ground; throughout. Aug.-Sept. (833A.-733B.)

**A. purpurascens**, Poir.

Frequent. Sandy, sterile fields and hillsides; throughout. Aug.-Sept. (734B.)

## ORYZOPSIS, Michx. Mountain Rice

**O. melanocarpa**, Muhl.

Frequent. Rocky woodlands in rich soil. July-Aug. (611A.-782B.)

**O. asperifolia**, Michx.

Rare. Rich woods; High Rock Mt.; Short Mt.; Meriden Mt. May. (781B.)

## MUHLENBERGIA, Schreber. Drop-seed Grass

**M. sobolifera**, Trin.

Rare. Rocky woods, slopes of Meriden Mt. Aug.-Sept. (779B.)

**M. glomerata**, Trin. (*M. racemosa*, B. S. P.)

Rare. Swamp; Queen St.; also in rather dry, sandy woods near Hart's Pond. Aug.-Sept. (840A.-24 and 777B.)

**M. mexicana**, Trin.

Common. Low, waste ground; most common about dwellings. Aug.-Sept. (625A.-778B.)

**M. sylvatica**, Torr. and Gray

Rare. Collected in moist, rocky woods in the adjoining town of Cheshire and without doubt grows along our granite hills. Aug. (993 Andrews Herb.)

**M. Willdenovii**, Trin. (*M. tenuiflora*, B. S. P.)

Frequent. Woods in rich soil; throughout. Aug.-Sept. (780B.)

**M. diffusa**, Schreber. Nimble Will

Occasional. Waste places about dwellings. Aug.-Sept. (776B.)

## BRACHYELYTRUM, Beauv.

**B. erectum**, Beauv. (*B. aristatum*, R. and S.)

Frequent. Rich woods mostly in rocky ground; throughout. July. (612A.-738B.)

## PHLEUM, L. Cat's-tail Grass

**P. PRATENSE**, L. Herd's Grass. Timothy

Common. Everywhere in moist ground. June-July. (664A.-799B.) Commonly cultivated for hay.

## ALOPECURUS, L. Foxtail Grass

**A. GENICULATUS**, L. (*A. geniculatus*, L., var. *aristulatus*, Torr.)  
Floating Foxtail

Rare. Along Paton Brook. May-July. (605A.-729B.)

## SPOROBOLUS, R. Br. Rush Grass

**S. asper**, Kunth.

Frequent. Dry fields and roadsides. Aug.-Sept. (808B.)

**S. vaginaeflorus**, Wood

Frequent. Fields and roadsides in sterile soil. Aug.-Sept. (614A.-809B.)

**S. serotinus**, Gray

Rare. Boggy pasture, Wolcott, about one mile from Southington line. Not known from Southington. Aug.-Sept. (2070Bissell Herb.)

## AGROSTIS, L. Bent Grass

**A. ALBA**, L. White Bent Grass

Frequent. Low ground, meadows and along streams. July. (628A.)

**A. ALBA**, L., var. **VULGARIS**, Thurb. Red Top

Common. Fields and meadows; throughout. July-Aug. (726B.)  
Cultivated for hay

**A. perennans**, Tuckerm.

Frequent. Moist, shaded places; throughout. Aug.-Sept. (627A.-727B.)

**A. scabra**, Willd. (*A. hyemalis*, B. S. P.) Hair Grass

Frequent. Waste ground in both wet and dry soil; throughout. June-Aug. (839A.-728B.)

## CINNA, L.

**C. arundinacea**, L. Wood Reed Grass

Frequent. Wet woods and shaded swamps; throughout. Aug.-Sept. (645A.-746B.)

## CALAMAGROSTIS, Adans. Reed Bent Grass

**C. canadensis**, Beauv. Blue-joint Grass

Frequent. Wet meadows and borders of swamps. July. (634A.-742B.)

**C. cinnoides**, Bart. (*C. Nuttalliana*, Steud.)

Occasional. Bogs and moist ground in sandy soil; throughout. Aug.-Sept. (635A.-743B.)

## ARRHENATHERUM, Beauv.

**A. AVENACEUM**, Beauv. (*A. elatius*, Beauv.) Oat Grass

Rare. Fields and roadsides; West St. near Prospect St. June. (631A.-736B.)

## HOLCUS, L. Meadow Soft Grass

**H. LANATUS**, L. Velvet Grass

Occasional. Wet meadows and roadsides; throughout. June. (636A.-772B.)

## TRisetum, Persoon. False Oat

**T. pennsylvanicum**, Beauv. (*T. palustre*, Torr.)

Rare. Sandy swamp; Spring St. the only station. June. (26B.)

## DANTHONIA, DC. Wild Oat Grass

**D. spicata**, Beauv.

Common. Roadsides and fields in dry, sterile soil. July. (629A.-749B.)

**D. compressa**, Aust.

Rare. Sandy, shaded ground near Atwater St. July. (630A.-748B.)

## TRIODIA, R. Br.

**T. cuprea**, Jacq. (*Sieglingia seslerioides*, Scribner)

Rare. Sandy fields and roadside; Hobart St. Aug.-Sept. (643A.-810B.)

## EATONIA, Raf.

**E. Dudleyi**, Vasey. (*E. nitida*, Nash)

Rare. Dry woods Hubbard Park. June. (5357Bissell Herb.)

**E. pennsylvanica**, Gray

Frequent. Sandy woods, often in moist soil; throughout. June. (633A.-751B.)

## ERAGROSTIS, Beauv.

**E. MAJOR**, Host.

Frequent. Waste and cultivated ground; throughout. Aug. (659A.-757B.)

**E. Purshii**, Schrader

Common. Roadsides and waste ground along streams; throughout. July-Sept. (761B.) Recently introduced, but has become very common

**E. PILOSA**, Beauv.

Rare. Roadside in dry, gravelly soil; Hobart St., near house of Mrs. Keene, the only station. July-Aug. (2083Bissell Herb.)

**E. capillaris**, Nees.

Frequent. Sandy fields and roadsides; throughout. Aug. (658A.-755B.)

**E. pectinacea**, Gray

Frequent. Dry, sandy fields; throughout. Aug. (657A.-758B.) Noticeable on account of its purple-magenta spikelets

## DACTYLIS, L.

**D. GLOMERATA**, L. Orchard Grass

Common. Fields and open woods, thriving best in half shade. June-July. (632A.-747B.)

## POA, L. Spear Grass

- P. ANNUA**, L.  
Common. Cultivated and waste ground; throughout. April-Oct. (650A.-802B.)
- P. COMPRESSA**, L. Wire Grass. English Blue Grass  
Common. Fields, woods, and waste places; throughout; in various soils. June-July. (649A.)
- P. flava**, L. (*P. serotina*, Ehrh.) False Red-top. Fowl Meadow Grass  
Frequent. Low meadows; throughout. July. (2069Bissell Herb.)
- P. pratensis**, L. June Grass. Kentucky Blue Grass  
Common. Fields, meadows, and woods; throughout. June. (648A.-803B.)
- P. TRIVIALIS**, L.  
Rare. Along brook; Flanders Road and Mine Hollow St. the only station. June. (647A.-804B.)
- P. alsodes**, Gray  
Frequent. Woods in moist soil; throughout. May. (801B.)

## GLYCERIA, R. Br. Manna Grass.

- G. canadensis**, Trin. (*Panicularia canadensis*, Kuntze.) Rattlesnake Grass  
Common. Bogs and swampy meadows; throughout. June-July. (661A.-768B.)
- G. elongata**, Trin. (*Panicularia elongata*, Kuntze)  
Rare. Wet woods along Humiston Brook. June. (663A.-770B.)
- G. nervata**, Trin. (*Panicularia nervata*, Kuntze.) Fowl Meadow Grass  
Frequent. Low meadows and wet places; throughout. June. (664A.)
- G. pallida**, Trin. (*Panicularia pallida*, Kuntze)  
Occasional. In shallow water; throughout. June-July. (665A.-771B.)
- G. grandis**, Watson. (*Panicularia americana*, MacM.)  
Frequent. Wet places; throughout. June. (662A.-768B.)
- G. fluitans**, R. Br. (*Panicularia fluitans*, Kuntze)  
Rare. Swampy meadow along the Farmington River, Farmington. Not known from Southington. June-July. (2068Bissell Herb.)
- G. acutiflora**, Torr. (*Panicularia acutiflora*, Kuntze.) Sharp-scaled Manna Grass  
Frequent. Wet meadows and swampy places; throughout. June. (660A.-767B.)

## FESTUCA, L. Fescue Grass

- F. octiflora**, Walt. (*F. tenella*, Willd.)  
Occasional. Roadsides in sand; Wonx Spring St., East St. at Berlin Road. June. (836A.-765B.)
- F. ovina**, L. Sheep's Fescue  
Frequent. Dry fields in sandy soil; throughout. June. (2244Bissell Herb.) Often found in lawns

**F. nutans**, Willd.

Occasional. Rocky woods; throughout. June-July. (651A-763B.)

**F. ELATIOR**, L. Meadow Fescue

Common. Roadsides and meadows in rich soil; throughout. June-July. (652A-766B.)

**BROMUS**, L. Brome Grass**B. Kalmii**, Gray. Wild Chess

Frequent. Dry, sterile, rocky ground, in woods along our eastern hills. July-Aug. (639A-740B.) Found only in trap soil

**B. SECALINUS**, L. Cheat. Chess

Rare. Sometimes seen in cultivated fields. July. (2219Bissell Herb.)

**B. purgans**, L. (*B. ciliatus*, L., var. *purgans*, Gray)

Frequent. Moist, rocky woods; throughout. July-Aug. (638A-739B.)

**B. TECTORUM**, L.

Frequent. Sandy soil, waste ground along R. R. Of recent introduction, but rapidly spreading. May-June. (640A-741B.)

**LOLIUM**, L. Darnel**L. PERENNE**, L. Ray Grass. Rye Grass

Rare. Roadside, Longbottom St., Plainville, about one-half mile from Southington line. July. (2048Bissell Herb.)

**AGROPYRON**, Gaertn.**A. repens**, Beauv. Couch Grass. Quitch Grass

Common. Sandy fields and cultivated ground in both dry and moist soil. July. (641A-724B.)

**A. caninum**, Beauv.

Rare. Rocky woods near Shuttle Meadow Lake. July. (255Bissell Herb.)

**ELYMUS**, L. Wild Rye**E. virginicus**, L.

Frequent. Low ground along streams; throughout. July-Aug. (2019Bissell Herb.)

**E. canadensis**, L.

Rare. Banks of streams; throughout. July-Aug. (753B.)

**E. hirsutiglumis**, Scribn.

Rare. Bank of Quinnipiac River near Atwater St. Aug.-Sept. (1297Andrews Herb.)

**E. striatus**, Willd.

Rare. Rocky woods foot of High Rock Mt., Wolcott Mt. near Lake Compounce. July-Aug. (4828Bissell Herb.)

**ASPRELLA**, Willd. Bottle-brush Grass**A. Hystrix**, Willd. (*Hystrix Hystrix*, Millsp.)

Frequent. Dry, rocky woods, throughout. July. (637A-737B.)

## CYPERACEAE. SEDGE FAMILY

## CYPERUS, Tourn. Galingale

- C. diandrus**, Torr.  
Occasional. Moist, grassy places about ponds and ditches; throughout. Aug.-Sept. (787Bissell Herb.)
- C. diandrus**, Torr., var. **castaneus**, Torr. (*C. rivularis*, Kunth.)  
Frequent. Along the Quinnipiac River on sand flats that are flooded at high water. Aug.-Sept. (435A.)
- C. aristatus**, Rotth. (*C. inflexus*, Muhl.)  
Rare. Sand bars along the Quinnipiac River, near Clark's Shop. Aug.-Sept. (694B.)
- C. filiculmis**, Vahl.  
Common. Sandy fields, roadsides and waste ground; throughout. July-Aug. (434A.-699B.)
- C. dentatus**, Torr.  
Rare. Border of Lake Compounce. Aug.-Sept. (695B.)
- C. esculentus**, L. Yellow Nut-grass  
Frequent. Roadsides and moist, sandy ground. Aug.-Sept. (437A.-698B.)
- C. strigosus**, L.  
Common. Meadows, fields, and waste ground in damp places; throughout. July-Sept. (439A.-702B.)

## DULICHIMUM, Pers.

- D. spathaceum**, Pers. (*D. arundinaceum*, Britton)  
Common. Wet places about ponds and streams; throughout. July-Aug. (418A.-703B.)

## ELEOCHARIS, R. Br. Spike Rush.

- E. obtusa**, Schultes. (*E. ovata*, of recent manuals)  
Common. Banks of streams and about ponds; everywhere in muddy places. July-Oct. (704B.)
- E. obtusa**, Schultes., var. **jejuna**, Fernald  
Rare. Border of Cusick Pond. Aug.-Sept. (888B.)
- E. palustris**, R. Br., var. **glaucescens**, Gray  
Frequent. Shallow water and marshy ground; throughout. June-July. (714A.-705B.)
- E. tenuis**, Schultes.  
Frequent. Wet places in fields and pastures; throughout. July-Aug. (677A.-705B.)
- E. acicularis**, R. Br.  
Common. Muddy borders of ponds; throughout. July-Sept. (715A.)

## FIMBRISTYLIS, Vahl.

- F. autumnalis**, Roem. and Schultes.  
Frequent. Low ground in muddy places; throughout. Aug.-Sept. (417A.-711B.)

**F. capillaris**, Gray. (*Stenophyllus capillaris*, Britton)

Common. Sandy, barren ground; throughout. July-Aug. (416A-712B.)

## SCIRPUS, Tourn. Club Rush

**S. planifolius**, Muhl.

Common. Dry woodland hillsides; throughout. June-July. (422A-19B.)

**S. pungens**, Vahl. (*S. americanus*, Pers.)

Rare. Sandy swamp about Rohe's Pond. July-Aug. (423A-721B.)

**S. lacustris**, L. Great Bulrush

Frequent. Shallow, stagnant water about ponds; throughout. July-Aug. (425A-895B.)

**S. debilis**, Pursh.

Frequent. Muddy places along Quinnipiac River. July-Sept. (717B.)

**S. sylvaticus**, L.

Frequent. Wet places about ponds and along streams; throughout July-Aug. (426A-722B.)

**S. sylvaticus**, L., var. *Bissellii*, Fernald (see *Rhodora* 2: 21, 1900)

Rare. Swamp near Rohe's Pond; the only station. June-July. (716B.)

**S. rubrotinctus**, Fernald. (*S. microcarpus* of Ill. Flora, Britton and Brown)

Rare. Swamp near Rohe's Pond; foot of dam Southington Upper Reservoir. June. (666Bissell Herb.)

**S. atrovirens**, Muhl.

Frequent. Swamps and wet meadows; throughout. June-July. (428A.)

**S. polyphyllus**, Vahl.

Occasional. Boggy meadows and about springs; East St. near house of Levi Newell; Andrews St. foot of Short Mt. July-Aug. (720B.) After the seed is ripened the plant produces new leafy shoots among the branches of the inflorescence

**S. polyphyllus**, Vahl., var. *macrostachys*, Boeckl.

Rare. This long-spiked form is occasionally found growing with the typical *S. polyphyllus*. July-Aug. (713A.)

**S. Eriophorum**, Michx.

Rare. Swamp near Black Pond; the only station. Sept. (853Andrews Herb.) Common further south; this species apparently reaches nearly its northern limit here

**S. cyperinus**, Kunth. (*Eriophorum cyperinum*, L.)

Common. Wet meadows and swamps; throughout. Aug.-Sept. (891A-892B.)

**S. cyperinus**, Kunth., var. *condensatus*, Fernald.

Rare. Wet, swampy ground near Sloper's Pond. Aug.-Sept. (711A-894B.)

**S. cyperinus**, Kunth., var. *Andrewsii*, Fernald (see *Rhodora* 2: 16, 1900)

Rare. Southington, exact station not known. Sept. (432A. in part)

- S. atrocinctus**, Fernald. (*Eriophorum cyperinum*, L., var. *laxum*, Watson, and Coult. in Gray Manual, ed. 6, 582, in part)  
Rare. Boggy meadows; Churchill St. at brook; Lazy Lane at Quinnipiac River. June. (421A.-706B.) Very distinct both in appearance and in time of flowering from *S. cyperinus*

ERIOPHORUM, L. Cotton-grass

- E. vaginatum**, L.  
Rare. Peat bog, Tamarack swamp; the only station. May-June. (712A.-709B.) This is apparently about the southern limit of this species in New England
- E. virginicum**, L.  
Rare. Tamarack swamp. July-Aug. (430A.-710B.)
- E. virginicum**, L., var. *album*, Gray  
Occasional. Bog at Spring St. Aug.-Sept. (429A.)
- E. polystachyon**, L.  
Frequent. Boggy ground and about springs; throughout. May-June. (708B.)
- E. gracile**, Koch.  
Rare. In sphagnum, boggy meadow near Rohe's Pond. June. (5286Bissell Herb.)
- E. gracile**, Koch., var. *paucinervium*, Engelm.  
Rare. Wet meadow, Spring St. at R. R. Aug. (722Bissell Herb.)

HEMICARPHA, Nees.

- H. subsquarrosa**, Nees. (*H. micrantha*, Britton)  
Rare. Sand bars along the Quinnipiac River, near Clark St.; the only station. Aug.-Sept. (421A.-713B.)

RHYNCHOPHORA, Vahl. Beak Rush

- R. alba**, Vahl.  
Frequent. Sandy bogs and peat swamps; throughout. Aug.-Sept. (419A.-714B.)
- R. glomerata**, Vahl.  
Common. Moist ground in fields and meadows; throughout. July-Aug. (420A.-715B.)

SCLERIA, Berg. Nut Rush

- S. triglomerata**, Michx.  
Occasional. Sandy, low ground; Spring St. near R. R.; Meriden and Waterbury St. at Clark St. July-Aug. (433A.-723B.)

CAREX, Ruppius. Sedge.

- C. folliculata**, L.  
Occasional. Sandy swamps along Dayton Brook and Eight-Mile River. June-July. (564A.-651B.)
- C. intumescens**, Rudge.  
Common. Swamps and wet places about ponds; throughout. June-July. (559A.-659B.)

- C. Grayi**, Carey. (*C. Asa-Grayi*, Bailey)  
Rare. Open woods in rich soil; foot of Meriden Mt. near Savage St. June. (1966 Andrews Herb.)
- C. lupulina**, Muhl.  
Common. Ditches and swampy ground; throughout. July-Aug. (563A-663B.)
- C. lupulina**, Muhl., var. *pedunculata*, Dewey.  
Rare. Wet thicket and pasture, South Shuttle St. July. (1115 Bissell Herb.)
- C. lupulina**, Muhl., var. *polystachya*, Schwein and Torr. (*C. lupuliformis*, Sartw.)  
Rare. Shaded ground Panther Swamp. July-Aug. (1113 Bissell Herb.)
- C. vesicaria**, L. (*C. monile*, in Gray Man., ed. 6, 594, in part. See Rhodora 3: 53, 1901)  
Rare. Swampy ground; Lazy Lane at R. R.; Atwater St. near Plants Pond. June. (550A-894B.)
- C. vesicaria**, L., var. *monile*, Fernald  
Rare. Meadows along Farmington River, Farmington. Not known from Southton. June. (1104 Andrews Herb.) A form near to *C. vesicaria*, var. *jejuna*, Fernald, has been collected in swamp near Lazy Lane and is represented by 1101 Bissell Herb.
- C. lurida**, Wahl.  
Common. Swamps and wet ground; throughout; in a variety of forms. June-July. (560A-666B.)
- C. lurida**, Wahl., var. *parvula*, Bailey  
Rare. Wet ground; roadside East St. near Savage St. June. (1089 Bissell Herb.)
- C. lurida**, Wahl., var. *exudans*, Bailey  
Rare. Swamp near Rohe's Pond. July. (2055 Bissell Herb.)
- C. hystrix**, Muhl.  
Rare. Wet, springy ground; Red Stone St.; Flanders Road. June-July. (195 Bissell Herb.)
- C. Pseudo-Cyperus**, L., var. *americana*, Hochst.  
Occasional. Swamps and along streams; East St. at Misery Brook; Spring St. near Canal. July. (549A-673B.)
- C. squarrosa**, L.  
Rare. Thickets and low pastures; along the trap hills. June-July. (556A-18 and 682B.)
- C. scabrata**, Schwein.  
Occasional. Wet, springy hillsides, rich woods in trap soil; Savage St. foot of Meriden Mt. June. (569A-678B.)
- C. vestita**, Willd.  
Common. Sandy woods and thickets; throughout. May-June. (567A-690B.)
- C. filiformis**, L., var. *latifolia*, Boeckl. (*C. languinosa*, Michx.)  
Frequent. Ditches and wet ground, mostly in sandy soil. June. (572A-648B.)

- C. riparia**, W. Curtis  
Occasional. Swamps and wet meadows; Black Pond; Flanders Road at Mine Hollow St. June. (555A.-675B.)
- C. fusca**, All.  
Rare. Wet ground; Clark St. at Meriden and Waterbury St., the only station. May. (554A.-652B.)
- C. stricta**, Lam.  
Common. Swales throughout, forming great tussocks in the swamps. May-June. (565A.)
- C. stricta**, Lam., var. *angustata*, Bailey  
Rare. Low ground near brook, Hobart St. June. (1092 Andrews Herb.)
- C. prasina**, Wahl.  
Occasional. Wet woods and woodland swamps; foot of Short Mt.; Whitman St. foot of Wolcott Mt. May-June. (868B.)
- C. crinita**, Lam.  
Common. Swamps and wet ground; throughout. June. (548A.-643B.)
- C. crinita**, Lam., var. *gynandra*, Schwein and Torr.  
Rare. Wet woods along Humiston Brook. June. (196 Bissell Herb.)
- C. virescens**, Muhl.  
Common. Woods, thickets and roadsides in rather dry soil. June-July. (573A.-691B.)
- C. virescens**, Muhl., var. *costata*, Dewey. (C. *costellata*, Britton)  
Frequent. Dry, woodland hillsides, apparently confined to our eastern range of hills. July. (558A.-895B.)
- C. triceps**, Michx., var. *hirsuta*, Bailey  
Common. Dry fields and roadsides; throughout. June. (574A.-687B.)
- C. longirostris**, Torr.  
Occasional. Rocky woods along the trap hills. May-June. (5267 Bissell Herb.)
- C. debilis**, Michx., var. *Rudgei*, Bailey. (C. *tenuis*, Rudge.)  
Common. Woods and fields in sandy soil, both dry and moist; throughout. June. (568A.-644B.)
- C. gracillima**, Schwein.  
Common. Rich woods, thickets, and meadows; throughout. June. (571A.-653B.)
- C. grisea**, Wahl.  
Frequent. Woodlands in moist soil; throughout. June-July. (570A.-655B.)
- C. grisea**, Wahl., var. *angustifolia*, Boott.  
Rare. Meadows along Quinnipiac River at Hart St. June. (656B.) Intergrades with typical form
- C. glaucodea**, Tuckerm.  
Rare. Dry, rocky woods summit of Meriden Mt. June. (2294 Andrews Herb.) Should be looked for at High Rock and Short Mt.

- C. granularis**, Muhl.  
Frequent. Wet grassland; Savage St.; Hart St. at Quinnipiac River. June. (654B.)
- C. pallescens**, L.  
Common. Woods and fields; throughout, in both dry and moist soils. June. (591A.-669B.)
- C. conoidea**, Schkuhr.  
Common. Moist places in grassland. June. (577A.-642B.)
- C. Hitchcockiana**, Dewey  
Rare. Rich woods; Savage St. foot of Meriden Mt. Found only in trap soil. June. (589A.-657B.)
- C. laxiflora**, Lam., var. **varians**, Bailey  
Frequent. Rich woods foot of Short Mt.; Flanders Road. June. (973Bissell Herb.)
- C. laxiflora**, Lam., var. **striatula**, Carey. (C. **laxiflora**, Lam., var. **blanda**, Boott.)  
Frequent. Rich woods in rocky soil; throughout. June. (193Bissell Herb.)
- C. laxiflora**, Lam., var. **latifolia**, Boott. (C. **Albursina**, Sheldon)  
Frequent. Rich woodlands in trap soil. June. (595A.-661B.)
- C. laxiflora**, Lam., var. **patulifolia**, Carey  
Common. Rich woods; throughout. June. (597A.-662B.)
- C. laxiflora**, Lam., var. **styloflexa**, Boott. (C. **styloflexa**, Buckley)  
Rare. Woodlands; Woodruff St. near East St. June. (963Bissell Herb.)
- C. digitalis**, Willd.  
Common. Woodlands; throughout. May-June. (593A.-645B.)
- C. laxiculmis**, Schwein.  
Frequent. Rich woodlands; Hart St.; Savage St.; Andrews St. June. (594A.-660B.)
- C. platyphylla**, Carey  
Frequent. Dry, woodland hillsides, in rocky ground, in deep shade. May-June. (592A.-671B.) Leaves persisting through the winter
- C. eburnea**, Boott. (C. **setifolia**, Britton)  
Rare. Foot of dry, trap ledges, along Meriden Mt. and High Rock Mt. May. (557A.-646B.)
- C. varia**, Muhl.  
Frequent. Low, sandy woods; Queen St. at Quinnipiac River; Center St. near Dayton Brook. May-June. (552A.-689B.)
- C. pennsylvanica**, Lam.  
Common. Dry fields, woods, and sterile hills; throughout. April-May. (663A.) Our most common sedge
- C. pennsylvanica**, Lam., var. **lucorum**, Fernald  
Occasional. Shaded ground along the sand plains. May. (670B.)
- C. pilulifera**, L. (C. **communis** in part, and var. **Wheeleri**, Bailey)  
Frequent. Rocky woods in both dry and moist soil; throughout. May. (579A.-641B.)
- C. pubescens**, Muhl.  
Occasional. Rocky woods in rich soil, along our trap hills. May-June. (674B.)

- C. leptalea**, Wahl. (*C. polytrichoides*, Muhl.)  
Frequent. Grassy swales, mostly in shaded ground; throughout.  
June-July. (586A.-672B.)
- C. stipata**, Muhl.  
Common. Swales and low meadows; throughout. May-June.  
(578A.-683B.)
- C. vulpinoidea**, Michx.  
Common. Swales and wet meadows, also in dry soil; throughout.  
June-July. (583A.-692 and 693B.)
- C. xanthocarpa**, Bicknell  
Occasional. Fields in grassland. June. (4432Bissell Herb.)
- C. rosea**, Schkuhr.  
Frequent. Rich woods in rocky ground; throughout. May-June.  
(600A.-676B.)
- C. rosea**, Schkuhr., var. *radiata*, Dewey  
Frequent. Meadows, woods, and thickets, in both moist and dry  
soil. May-June. (599A.-677B.)
- C. rosea**, Schkuhr., var. *retroflexa*, Torr. (*C. retroflexa*, Muhl.)  
Rare. Dry woodland hillsides. June. (602A.)
- C. rosea**, Schkuhr., var. *minor*, Boott.  
Occasional. Woodlands in various soils; throughout. May-June.  
(891Bissell Herb.)
- C. sparganioides**, Muhl.  
Occasional. Rich woods in rocky ground; throughout. June.  
(576A.-681B.)
- C. Muhlenbergii**, Schkuhr.  
Frequent. Pastures and open woods on dry hillsides in trap soil.  
June-July. (581A.-667B.)
- C. Muhlenbergii**, Schkuhr., var. *enervis*, Boott.  
Occasional. Dry hillsides in grassland, near Hobart St. June-  
July. (2814Andrews Herb.)
- C. cephaloidea**, Dewey  
Rare. Border of woods in dry soil, Pleasant St. July. (877Bis-  
sell Herb.)
- C. cephalophora**, Muhl.  
Frequent. Dry woodland hillsides; throughout. June. (580A.-  
640B.)
- C. echinata**, Murr.  
Occasional. Swampy meadows; throughout. June. (804Bissell  
Herb.)
- C. echinata**, Murr., var. *ormantha*, Fernald  
Rare. Sandy bog, Spring St. June. Specimen at Gray Herbarium
- C. echinata**, Murr., var. *excelsior*, Fernald  
Rare. Low ground, Spring St., Hobart St. May-June. (801Bis-  
sell Herb.)
- C. interior**, Bailey  
Rare. Low ground, Hobart St., Andrews St. May. (1060An-  
drews Herb. in part)
- C. seorsa**, E. C. Howe  
Rare. Damp places in half shade near Black Pond. May.  
(1060Andrews Herb. in part)

- C. canescens*, L.  
Occasional. Swamp near Spring St. June. (809Bissell Herb.)
- C. canescens*, L., var. *disjuncta*, Fernald  
Frequent. Shaded swamps; throughout. May-June. (808Bissell Herb.)
- C. trisperma*, Dewey  
Occasional. Peat bogs and shaded swamps. June. (557A.-688B.)
- C. Deweyana*, Schwein.  
Rare. Dry woods slope of Short Mt. June. (823Bissell Herb.)
- C. bromoides*, Schkuhr.  
Occasional. Woodland swamps. May-June. (598A.-638B.)
- C. siccata*, Dewey  
Occasional. Dry hillsides near North Main St. May. (551A.-680B.)
- C. tribuloides*, Wahl.  
Common. Swamps and low grounds; throughout. July-Aug. (584A.-686B.)
- C. tribuloides*, Wahl., var. *turbata*, Bailey  
Rare. Shaded ground in yards, North Main St. July. (587A.)
- C. cristata*, Schwein. (*C. tribuloides*, Wahl., var. *cristata*, Bailey)  
Rare. Wet thickets, Dunham St., South Shuttle St. July-Aug. (4440Bissell Herb.)
- C. scoparia*, Schkuhr.  
Common. Swales and wet meadows or sometimes in dry soil; throughout. June. (585A.-679B.)
- C. mirabilis*, Dewey. (*C. straminea*, Willd., var. *mirabilis*, Tuckerm.)  
Frequent. Fields and border of thickets; throughout. June-July. (862Bissell Herb.)
- C. mirabilis*, Dewey, var. *perlonga*, Fernald  
Occasional. Dry woods and thickets, Churchill St. June. (2644Bissell Herb.)
- C. festucacea*, Schkuhr., var. *brevior*, Fernald. (*C. straminea*, Willd., var. *brevior*, Dewey)  
Common. Dry fields; throughout. June-July. (582A.-684B.)
- C. alata*, Torr. (*C. straminea*, Willd., var. *alata*, Bailey)  
Rare. Dry field, Hobart St., near Main St. June. (83Bissell Herb.)
- C. Bicknellii*, Britton  
Rare. Dry rocky woods top of High Rock Mt. June-July. (4438Bissell Herb.)

## ARACEAE. ARUM FAMILY

## ARISAEMA, Martius. Dragon Arum

- A. triphyllum*, Torr. Jack-in-the-Pulpit. Indian Turnip.  
Frequent. Rich woods in moist soil; throughout. April-May. (817A.)
- A. Dracontium*, Schott. Green Dragon  
Rare. Not known from Southington, but found in Farmington River Meadows about five miles from Southington line. May. (834Andrews Herb.)

## PELTANDRA, Raf. Arrow Arum

**P. undulata**, Raf.

Rare. Border of ponds; Lily Pond; Mattes Pond; Black Pond.  
July-Aug. (820A.-881B.)

## CALLA, L.

**C. palustris**, L. Wild Calla.

Rare. Shaded peat bogs about Black Pond. June-July. (496A.-  
626B.)

## SYMPLOCARPUS, Salisb.

**S. foetidus**, Salisb. (*Spathyema foetida*, Raf.) Skunk Cabbage

Common. Swamps, wet woods and meadows; throughout. April.  
(816A.)

## ORONTIUM, L.

**O. aquaticum**, L. Golden-club

Rare. Along brook, Woodruff St.; border of Plant's Pond. May.  
(627B.)

## ACORUS, L. Calamus

**A. Calamus**, L. Sweet Flag

Frequent. Wet meadows and borders of ponds; throughout. May-  
June. (818A.-625B.)

## LEMNACEAE. DUCKWEED FAMILY

## SPIRODELA, Schleiden

**S. polyrrhiza**, Schleid.

Rare. Pools, Hart St. near Quinnipiac River. Not found in flower.  
(156Bissell Herb.)

## LEMNA, L. Duckweed

**L. trisulca**, L.

Common. Stagnant water; throughout. Not seen in flower.  
(821A.)

**L. minor**, L.

Common. Ponds and stagnant water; throughout. Not seen in  
flower. (52Bissell Herb.)

## XYRIDACEAE. YELLOW-EYED GRASS FAMILY

## XYRIS, Gronov. Yellow-eyed Grass

**X. flexuosa**, Muhl.

Frequent. Sandy bogs and peat swamps; Spring St. near Queen  
St.; Tamarack Swamp. July-Sept. (615B.)

## ERIOCAULEAE. PIPEWORT FAMILY

## ERIOCAULON, L. Pipewort

**E. septangulare**, Withering.

Rare. Banks of Lake Compounce, the only station. Aug.-Sept.  
(6254 Bissell Herb.)

## PONTEDERIACEAE. PICKEREL-WEED FAMILY

## PONTEDERIA, L.

**P. cordata**, L. Pickerel-weed

Common. Shallow water along streams and borders of ponds;  
throughout. July-Aug. (485A.-614B.)

## JUNCACEAE. RUSH FAMILY

## JUNCUS, Tourn. Rush

**J. effusus**, L. Bulrush

Common. Low meadows, swamps, and marshes; throughout.  
July-Aug. (185A.-620B.)

**J. marginatus**, Rostk.

Occasional. Moist, grassy places in sandy soil; DeFashion St. near  
Marion Ave. July-Sept. (187A.-619B.)

**J. tenuis**, Willd. Yard Rush

Common. Fields and roadsides, especially trodden ground, in dry  
or moist places; throughout. June-Sept. (189A.-621B.) Pre-  
sents a great variety of intergrading forms

**J. Dudleyi**, Wiegand. (Bull. Torr. Bot. Club, 27: 524, 1900)

Rare. Dry, exposed rock ledges, top of High Rock Mt. June-  
July. (4435 Bissell Herb.)

**J. secundus**, Beauv. (*J. tenuis*, Willd., var. *secundus*, Engelm.)

Rare. Dry, sandy fields near Lake Compounce. July-Aug.  
(5845 Bissell Herb.)

**J. bufonius**, L.

Common. Roadsides and waste ground in moist, sandy soil;  
throughout. June-Aug. (188A.-617B.)

**J. pelocarpus**, E. Meyer

Rare. Wet soil border of Lake Compounce. July-Sept. (2776 Bis-  
sell Herb.)

**J. acuminatus**, Michx.

Frequent. Swamps and wet meadows; throughout. June.  
(190A.-616B.)

**J. canadensis**, J. Gay. (*J. canadensis*, J. Gay., var. *longicaudatus*,  
Engelm.)

Frequent. Wet fields and swamps; throughout. Aug.-Sept.  
(1486 Bissell Herb.)

**J. canadensis**, J. Gay., var. *subcaudatus*, Engelm.

Occasional. Swamps and wet thickets. Aug. (5313 Bissell Herb.)

- J. canadensis**, J. Gay., var. *brevicaudatus*, Engelm. (var. *coarctatus*, Engelm.)  
Rare. Sandy bogs, Queen St., Spring St. July-Aug. (4870Bissell Herb.)

LUZULA, DC. Wood Rush

- L. campestris**, DC. (*Juncoides campestris*, Kuntze.)  
Common. Dry woods and fields; throughout. April-May. (495A-622B.)

LILIACEAE. LILY FAMILY

SMILAX, Tourn. Greenbrier

- S. herbacea**, L. Carrion-flower  
Frequent. Low thickets and moist meadows along streams; throughout. May-June. (827A.)  
**S. rotundifolia**, L. Greenbrier. Horsebrier  
Common. Woods and thickets in moist ground; throughout. June. (826A-610B.)  
**S. glauca**, Walt. Catbrier  
Common. Sandy soil in both moist and dry places; throughout. June. (609B.) Often forms large patches on the dry sand plains, but does not fruit except in moist soil

ALLIUM, L. Onion. Garlic

- A. tricoccum**, Ait. Wild Leek  
Occasional. Moist woods in sandy soil; Hart St. at Quinnipiac River; Center St. at Dayton Brook. June-July. (360A-593B.)  
**A. canadense**, Kalm. Wild Garlic  
Frequent. Moist meadows and thickets along streams; throughout. June. (1840Bissell Herb.)  
**A. vineale**, L. Field Garlic  
Frequent. Fields and waste ground; throughout. June. (825A.)

ORNITHOGALUM, Tourn.

- O. umbellatum**, L. Star of Bethlehem  
Rare. Roadside South End St. near town line. An escape from cultivation. May. (603B.)

HEMEROCALLIS, L. Day Lily

- H. fulva**, L. Orange Day Lily  
Common. Roadsides and fields; throughout. July-Aug. (352A-596B.)

CONVALLARIA, L.

- C. majalis**, L. Lily of the Valley  
Rare. Well established on wooded hillside at Oak Hill. May. (1822Bissell Herb.)

## POLYGONATUM, Tourn. Solomon's Seal

**P. biflorum**, Ell.

Frequent. Woods and thickets in rich soil; throughout. May-June. (349A-604B.)

**P. giganteum**, Dietrich. (*P. commutatum*, Dietrich)

Occasional. Rich woodlands and thickets; throughout. June-July. (348A-605B.)

## ASPARAGUS, Tourn.

**A. officinalis**, L. Garden Asparagus

Occasional. Roadsides, border of fields and in woodlands; throughout. June. (355A.)

## SMILACINA, Desf. False Solomon's Seal

**S. racemosa**, Desf. (*Vagnera racemosa*, Morong.) Wild Spikenard  
Common. Rich, moist woods, mostly in rocky ground; throughout. June-July. (345A-606B.)

**S. stellata**, Desf. (*Vagnera stellata*, Morong.)

Rare. Along top of Meriden Mt. in dry, rocky ground, a few rods from Southington line. May-June. (607B.)

## MAIANthemum, Wigg. False Lily of the Valley

**M. canadense**, Desf. (*Unifolium canadense*, Greene)

Common. Low, moist woods; throughout. June. (347A-600B.)

## CLINTONIA, Raf. Green Lily

**C. borealis**, Raf.

Rare. Wet woods, Pine Swamp, in town of Cromwell, about six miles from Southington line. Is also reported on good authority as found in wet woods along northern boundary of towns of Southington and Wolcott, but the authors have not been able to see a specimen from this reported station. May-June. (1826Bissell Herb.)

## UVULARIA, L. Bellwort

**U. perfoliata**, L.

Frequent. Moist woods and thickets; throughout. May-June. (358A-613B.)

## OAKESIA, Watson

**O. sessilifolia**, Watson. (*Uvularia sessilifolia*, L.) Bellwort

Frequent. Wet woods and low thickets; throughout. May-June. (359A-602B.)

## ERYTHRONIUM, L. Dog's-tooth Violet

**E. americanum**, Ker. Yellow Adder's-tongue

Common. Moist, rich woods and meadows; throughout. April-May. (854A-595B.)

LILIUM, L. Lily

- L. philadelphicum**, L. Red Lily  
 Frequent. Moist woods and thickets; Curtis St. top of Wolf Hill;  
 Woodruff St. near East St. July. (356A.-698B.)
- L. canadense**, L. Wild Yellow Lily  
 Common. Low, wet meadows and fields; throughout. July.  
 (357A.-597B.)
- L. tigrinum**, Ker. Tiger Lily  
 Rare. Roadsides as an escape from gardens. July. (2178Bissell  
 Herb.)

MEDEOLA, Gronov.

- M. virginiana**, L. Indian Cucumber-root  
 Occasional. Rich, moist woods; throughout. June. (351A.-  
 601B.)

TRILLIUM, L. Wake Robin

- T. erectum**, L.  
 Frequent. Rich, moist woods, in rocky ground; throughout. April-  
 May. (612B.)
- T. cernuum**, L.  
 Rare. Moist woods; Hart St. on Wolf Hill; Windrow Hill. May-  
 June. (353A.-611B.)

CHAMAELIRIUM, Willd. Devil's-bit

- C. carolinianum**, Willd. (C. luteum, Gray.) Blazing Star  
 Rare. Low, sandy woods; Center St. near Eight Mile River. June.  
 (828A.-594B.)

VERATRUM, Tourn. False Hellebore

- V. viride**, Ait. Hellebore. Indian Poke  
 Common. Swamps, wet woods, and meadows; throughout. June.  
 (346A.)

ALETRIS, L. Colic-root

- A. farinosa**, L.  
 Frequent. Sandy soil, either moist or dry, border of woods and  
 thickets; Center St. near Eight Mile River; Queen St. near town  
 line. June-July. (585B.)

AMARYLLIDACEAE. AMARYLLIS FAMILY

HYPOXIS, L. Star-grass

- H. erecta**, L. (H. hirsuta, Coville.) Yellow Star-grass  
 Common. Woodlands and fields, usually in rather dry soil;  
 throughout. May-Sept. (486A.)

## DIOSCOREACEAE. YAM FAMILY

## DIOSCOREA, Plumier. Yam

**D. villosa, L.**

Rare. Not known from Southington, but grows in low ground along streams in the adjoining town of Cheshire. Should be looked for along Ten Mile River in Southington. July. (592B.)

## IRIDACEAE. IRIS FAMILY

## IRIS, Tourn. Flower-de-luce

**I. versicolor, L. Blue Flag**

Common. Swamps and meadows; throughout. June-July. (483A.-589B.)

## BELAMCANDA, Adans.

**B. CHINENSIS, Adans. (Gemmingia chinensis, Kuntze.) Blackberry Lily**

Rare. Not known from Southington, but well established in rocky field at roadside in town of Berlin, on road from Southington to Meriden via "Cat Hole," about one mile from Southington town line. July-Aug. (484A.-587B.)

## SISYRINCHIUM, L. Blue-eyed Grass

**S. angustifolium, Mill.**

Common. Fields and meadows in all kinds of soil, mostly in moist ground; throughout. May-July. (487A.-591B.)

**S. atlanticum, Bicknell**

Occasional. Moist, sandy soil. June-July. (5317 Bissell Herb.)

**S. graminoides, Bicknell. (S. anceps, Watson)**

Common. Moist fields and meadows, throughout. June-July. (1857 Bissell Herb.)

## ORCHIDACEAE. ORCHIS FAMILY

## MICROSTYLIS, Nutt.

**M. ophioglossoides, Nutt. Adder's Mouth**

Rare. Rock ledge summit Meriden Mt., Meriden. Aug.-Sept. (2649 Andrews Herb.)

## LIPARIS, Richard. Twayblade

**L. liliifolia, Richard. (Leptorchis liliifolia, Kuntze.)**

Rare. Rich woods; Old Turnpike near Carter Lane. June. (580B.)

**L. Loeselii, Richard. (Leptorchis Loeselii, MacM.)**

Rare. Cold, mossy bog; Cat Swamp the only station. June-July. (581B.)

CORALLORHIZA, Haller. Coral-root

- C. odontorhiza**, Nutt.  
Rare. Rich woods; Wolf Hill at Hart St. Sept.-Oct. (570B.)
- C. multiflora**, Nutt.  
Occasional. Rather dry woodlands under Coniferae; Carter Lane near Black Pond; Savage St. at foot of Meriden Mt. July-Aug. (569B.)

SPIRANTHES, Richard. Ladies' Tresses

- S. cernua**, Richard. (*Gyrostachys cernua*, Kuntze.)  
Common. In sandy, wet places, often in grassland; throughout. Aug.-Sept. (323A.-584B.)
- S. praecox**, Watson  
Rare. Damp meadows near Windrow Hill. Aug.-Sept. (748A.)
- S. gracilis**, Bigelow. (*Gyrostachys gracilis*, Kuntze.)  
Common. Woods, fields, and plains in sandy soil; throughout. July-Sept. (322A.)

GOODYERA, R. Br. Rattlesnake Plantain

- G. repens**, R. Br., var. *ophioides*, Fernald  
Rare. Dry rocks under Coniferae; top of High Rock Mt. the only station. Aug. (31B.)
- G. pubescens**, R. Br. (*Peramium pubescens*, MacM.)  
Frequent. Rich woods in both dry and moist soils; throughout. Aug. (321A.-574B.)

ARETHUSA, Gronov.

- A. bulbosa**, L. Arethusa.  
Rare. Sandy bog near Queen St. the only station. June. (318A.-567B.)

CALOPOGON, R. Br.

- C. pulchellus**, R. Br. (*Linodorum tuberosum*, L.) Grass Pink  
Frequent. Bogs in either sandy or heavy soils; throughout. July. (320A.-568B.)

POGONIA, Juss.

- P. ophioglossoides**, Nutt. Rose Pogonia. Snake Mouth  
Frequent. Bogs and wet, mossy pastures; throughout. June-July. (315A.-583B.)
- P. verticillata**, Nutt. (*Isotria verticillata*, Raf.)  
Occasional. Moist woodlands, Welch St., Wolcott Mt., near Lake Compounce. May-June. (5318Bissell Herb.)

ORCHIS, L.

- O. spectabilis**, L. Showy Orchis  
Occasional. Rich woods in moist soil, along both our eastern and western hills. May-June. (319A.-582B.)

## HABENARIA, Willd. Rein Orchis

*H. tridentata*, Hook. (*H. clavellata*, Spreng.)

Frequent. Bogs, low pastures and borders of ponds; throughout.  
July-Aug. (325A.-578B.)

*H. virescens*, Spreng. (*H. flava*, Gray)

Occasional. Low meadows and moist ground, often in half shade.  
June-July. (326A.-579B.)

*H. bracteata*, R. Br.

Rare. Rich woods; eastern slopes of Short Mt. the only station.  
June. (1899Bissell Herb.)

*H. hyperborea*, R. Br.

Rare. Along trap ridge under hemlocks, foot of Meriden Mt. near  
Savage St. in rather dry soil. The only station. July. (576B.)  
This seems to be the southern limit for this species in New Eng-  
land. As it grows here, the plant is much smaller than usual,  
the largest not being more than a foot high.

*H. Hookeriana*, Torr.

Occasional. Under Coniferae on trap ledges of High Rock Mt.  
near Panther Swamp, in dry soil. June. (586B.)

*H. lacera*, R. Br. Ragged Green Orchis

Occasional. Moist ground in fields and about ponds; throughout.  
Aug. (324A.-575B.)

*H. psycodes*, Gray

Occasional. Grassy swamps and wet meadows; Churchill St. near  
Paton Brook. Aug. (577B.)

*H. fimbriata*, R. Br. (*H. grandiflora*, Torr.) Purple-fringed Orchis

Occasional. Wet meadows and moist ground along streams in  
sandy soil; Welch St. at Mt. Vernon St. June. (1900Bissell  
Herb.)

## CYPRIPEDIUM, L. Moccasin-flower

*C. parviflorum*, Salisb. Small Yellow Lady's Slipper

Rare. Wooded hillsides near Crescent Lake. June. (731A.-  
572B.)

*C. pubescens*, Willd. (*C. hirsutum*, Mill.) Large Yellow Lady's  
Slipper

Rare. Rich woods near Black Pond; Flanders Road near Lansing  
St.; Andrews St. at quarry. June. (317A.-573B.)

*C. acaule*, Ait. Lady's Slipper. Moccasin Flower

Frequent. Open, sandy woods in both dry and moist ground;  
throughout. May-June. (317A.-571B.)

## Dicotyledons.

## JUGLANDACEAE. WALNUT FAMILY

## JUGLANS, L. Walnut

*J. cinerea*, L. Butternut

Occasional. Rich woods and borders of fields; throughout. May.  
(721A.)

**J. nigra, L. Black Walnut**

Rare. Not known as native, but in field near corner of West and Curtis Sts. are quite a number of trees. These are undoubtedly descendants from a large tree planted in a nearby yard. May. (2449Bissell Herb.)

**CARYA, Nutt. Hickory****C. alba, Nutt. (Hicoria ovata, Britton.) Shag-bark Hickory**

Frequent. Fields and woods in rich soil, more frequent along the trap and sandstone formations. May. (517A.)

**C. tomentosa, Nutt. (Hicoria alba, Britton.) White Heart Hickory**

Frequent. Hillsides, woods, and fields in rich soil. May. (516A.)

**C. porcina, Nutt. (Hicoria glabra, Britton.) Pig-nut Hickory**

Occasional. Hillsides in woods and fields; apparently confined to our eastern range of hills. May. (2450Bissell Herb.)

**C. amara, Nutt. (Hicoria minima, Britton.) Bitter-nut Hickory**

Occasional. Wet woods and along streams; Clark's Farms St. near Savage St.; West Queen St. at Quinnipiac River. June. (179A.)

**MYRICACEAE. SWEET GALE FAMILY****MYRICA, L. Bayberry****M. Gale, L. Sweet Gale**

Rare. Wet, swampy ground along Misery Brook at East St. the only station. April-May. (516A.-537B.)

**M. cerifera, L. Wax-myrtle**

Frequent. Sandy soil, usually in dry, but sometimes in moist places; throughout. May. (722A.-536B.)

**M. asplenifolia, Endl. (Comptonia peregrina, Coult.) Sweet Fern**

Common. Hillsides in woods and fields in dry, sterile soil; throughout. May. (723A.-535B.)

**SALICACEAE. WILLOW FAMILY****SALIX, Tourn. Willow****S. nigra, Marsh. Black Willow**

Rare. Banks of Quinnipiac River near West Queen St. May. (410A.)

**S. nigra, Marsh., var. falcata, Torr.**

Occasional. Banks of streams and low grounds; throughout. May. (2443Bissell Herb.)

**S. lucida, Muhl. Shining Willow**

Occasional. Moist thickets and low grounds; throughout. May. (412A.-551B.)

**S. ALBA, L., var. VITELLINA, Koch. Golden Osier**

Frequent. Wet places and along streams; throughout. May. (549B.)

**S. BABYLONICA**, Tourn. Weeping Willow

Rare. Was formerly planted on North Main St. near Curtis St., and has spread along brook by broken twigs taking root. May. (409A.) Only pistillate plants known

**S. rostrata**, Richardson. (S. Bebbiana, Sargent)

Common. Woods, thickets, and fields; throughout, in both dry and moist soils. May. (413A.-554B.)

**S. discolor**, Muhl. Pussy Willow

Common. Moist and wet ground everywhere, in woods, thickets, along streams and in meadows. April. (816A.) Its early flowering and large, silky catkins, make it the best known of all our willows

**S. humilis**, Marsh

Rare. Roadside in sandy soil; Hobart St. near Pleasant St.; Woodruff St.; Queen St. May. (676A.)

**S. tristis**, Ait.

Occasional. Sand plains from Prospect St. north to Plainville and Farmington. May. (411A.-556B.)

**S. sericea**, Marsh. Silky Willow.

Frequent. Swampy ground and along streams; throughout. May. (406A.-555B.)

**S. PURPUREA**, L. Purple Willow

Rare. Escape from cultivation, along brook North Main and Curtis Sts., also Savage St. near house of Mr. Ackart. May. (414A.-553B.) Only staminate plants known

**S. cordata**, Muhl.

Common. Wet ground in all kinds of soils; throughout. May. (407A.-550B.)

**POPULUS**, Tourn. Poplar**P. ALBA**, L. White Poplar

Rare. Formerly planted and has spread from the root in various parts of the town. April-May. (2451Bissell Herb.)

**P. tremuloides**, Michx.

Occasional. Woods, in both dry and moist soil; throughout. April. (548B.)

**P. grandidentata**, Michx. Common Poplar

Frequent. Mostly found in sandy soil in both dry and moist situations; throughout. April-May. (2454Bissell Herb.)

**P. heterophylla**, L. Downy Poplar

Rare. Swampy woods near foot of High rock Mt. May. (5411Bissell Herb.) This seems to be the northern limit of this species in New England

**P. balsamifera**, L., var. **CANDICANS**, Gray. Balm of Gilead

Rare. Established roadside Meriden Ave., where it fruits freely; roadside Pleasant St., staminate trees only. April. (415A.)

**P. monilifera**, Ait. (P. deltoides, Marsh.) Cottonwood

Rare. Wet meadow along the Quinnipiac River near Atwater St. May. (2453Bissell Herb.)

**P. DILATATA, L. Lombardy Poplar**

Rare. Escape from cultivation, Woodruff St. near Pleasant St.  
May. (2452Bissell Herb.)

CUPULIFERAE. OAK FAMILY

BETULA, Tourn. Birch

**B. lenta, L. Black Birch. Sweet Birch**

Frequent. Rich woods and along streams; throughout. April-May. (731A.-538B.)

**B. lutea, Michx. f. Yellow Birch. Gray Birch**

Occasional. Rich woods, generally on moist, rocky hillsides. April-May. (729A.)

**B. populifolia, Ait. White Birch**

Common. Sandy soil in both dry and moist locations, covering large sections of the sand plains. May. (181A.)

**B. papyrifera, Marsh. Paper Birch. Canoe Birch**

Occasional. Rich woods on rocky hillsides, on both granite and trap formations. April-May. (730A.)

ALNUS, Tourn. Alder

**A. incana, Willd. Speckled Alder. Hoary Alder**

Occasional. Borders of swamps and streams; throughout. April-May. (2496Bissell Herb.)

**A. serrulata, Willd. Smooth Alder**

Common. Swamps, wet woods, and along streams; throughout. April-May. (182A.)

**A. serrulata, Willd., var. rugosa, Regel.**

Rare. Sometimes found growing with the typical form. April-May. (233Bissell Herb.)

CORYLUS, Tourn. Hazel-nut

**C. americana, Walt. Hazel-nut**

Frequent. Woods and thickets in various soils; throughout. April. (183 and 722A.)

**C. rostrata, Ait. Beaked Hazel-nut**

Occasional. Thickets and woodlands in our eastern hills; rarely seen in the valley. April. (184A.-541B.)

OSTRYA, Micheli. Iron-wood

**O. virginica, Willd. Hop Hornbeam**

Frequent. Rich woods, mostly on rocky hillsides; throughout. May. (177A.-543B.)

CARPINUS, L. Hornbeam

**C. caroliniana, Walt. Water Beech**

Common. Woods, thickets, and along streams; throughout. May. (178A.-539B.)

## QUERCUS, L. Oak

- Q. alba**, L. White Oak  
Common. Woods and fields; throughout, in various soils. May. (175A.-544B.)
- Q. bicolor**, Willd. (*Q. platanoides*, Sudw.) Swamp White Oak  
Frequent. Low woods, wet fields, and along streams; throughout. May. (176A.-545B.)
- Q. prinus**, L. Rock Chestnut Oak  
Frequent. Dry, rocky woods. The most common oak on the tops of the trap hills, but not known from other parts of the town. May. (2497Bissell Herb.)
- Q. prinoides**, Willd. Scrub Chestnut Oak. Chinkapin Oak  
Frequent. Dry woods and thickets, most common in rocky ground. May. (173A.-547B.)
- Q. rubra**, L. Red Oak  
Frequent. Woodlands in a great variety of soils and situations; throughout. May. (2498Bissell Herb.) Leaves turn reddish brown in autumn
- Q. coccinea**, Wang. Scarlet Oak  
Frequent. Woodlands in both dry and moist soils. May. (727A.) Leaves turn a fine red in autumn
- Q. coccinea**, Wang., var. *tinctoria*, Gray. (*Q. velutina*, Lam.) Black Oak. Yellow-barked Oak  
Occasional. Dry, sandy woods and fields. Oak Hill; Mulberry St. near the old turnpike. May. (726A.) Leaves usually turn yellow in autumn
- Q. palustris**, Du Roi. Swamp Oak. Pin Oak  
Rare. Low, sandy ground along streams. Apparently confined to the section along the Quinniac River from Atwater St. to the town line of Cheshire. May. (2499Bissell Herb.) Old trees have lower part of trunk covered with short, reflexed branches, hence the name Pin Oak
- Q. micifolia**, Wang. (*Q. nana*, Sargent.) Bear Oak. Scrub Oak  
Common. Sand plains and barren hills; throughout. May. (174A.-546B.)

## CASTANEA, Tourn. Chestnut

- C. sativa**, Mill., var. *americana*, Watson. (*C. dentata*, Borkh.)  
Common. Woodlands in good soil, most common on rocky hillsides. June-July. (504A.-540B.)

## FAGUS, Tourn. Beech

- F. ferruginea**, Ait. (*F. americana*, Sweet.) American Beech  
Frequent. Rich woods and along streams; throughout. May. (542B.)

## URTICACEAE. NETTLE FAMILY

## ULMUS, L. Elm

**U. fulva**, Michx. Slippery Elm

Occasional. Woodlands and near streams in rich, moist soil.  
April. (712A.)

**U. americana**, L. American Elm. White Elm

Common. Woods, roadsides, and along streams; throughout.  
April. (719A.-532B.)

## CELTIS, Tourn. Nettle Tree. Hackberry

**C. occidentalis**, L. Sugarberry

Occasional. Woods and thickets in rocky, moist ground. Flanders  
Road near Lansing St.; Mine Hollow St. May. (460A.-531B.)

## HUMULUS, L. Hop

**H. Lupulus**, L. Common Hop

Rare. Thickets and along banks of streams; East St. near Berlin  
St.; Queen St. at Quinnipiac River. July. (720A.-889B.)

## MORUS, Tourn. Mulberry

**M. rubra**, L. Red Mulberry

Rare. Rocky woods, slope of Short Mt., Long Bottom St. May.  
(5492Bissell Herb.)

**M. ALBA**, L. White Mulberry

Occasional. Roadsides and thickets, as an escape from cultivation.  
May. (461A.)

## URTICA, Tourn. Nettle

**U. gracilis**, Ait

Common. Roadsides, fields, waste ground; throughout. Mostly in  
sandy soil. June-Sept. (462A.-533B.)

**U. urens**, L.

Rare. Specimens have been collected in cultivated ground on  
North Main St., but it has since disappeared. July. (1496An-  
drews Herb.)

## LAPORTEA, Gaudichaud. Wood Nettle

**L. canadensis**, Gaud. (*Urticastrum divaricatum*, Kuntze.)

Frequent. Moist woods in rich soil; throughout. July-Sept.  
(466A.)

## PILEA, Lindl. Rich Weed

**P. pumila**, Gray. (*Adicea pumila*, Raf.) Clearweed

Frequent. Woods, fields, and waste ground, in moist, shaded  
places. July-Sept. (465A.)

## BOEHMERIA, Jacq. False Nettle

**B. cylindrica**, Willd.

Frequent. Moist woods in rich soil; throughout. July-Aug.  
(464A.-530B.)

## PARIETARIA, Tourn. Pellitory

**P. pennsylvanica**, Muhl.

Rare. Rocky woods, in rich soil, near Clark's Farms St. July-Aug. (5493 Bissell Herb.)

## SANTALACEAE. SANDALWOOD FAMILY

## COMANDRA, Nutt. Bastard Toad-flax

**C. umbellata**, Nutt.

Common. Fields, thickets, and roadsides; throughout. Mostly in rather dry, sandy soil. June-July. (525B.)

## ARISTOLOCHIACEAE. BIRTHWORT FAMILY

## ASARUM, Tourn. Asarabacca

**A. canadense**, L. Wild Ginger

Common. Rocky hillsides in rich woods on both trap and granite formations. May. (509A.-521B.)

## POLYGONACEAE. BUCKWHEAT FAMILY

## RUMEX, L. Dock. Sorrel

**R. britannica**, L. Great Water Dock

Frequent. Wet swamps and along streams; throughout. July-Sept. (248A.-519B.)

**R. CRISPUS**, L. Curled Dock

Common. Fields and waste places, mostly in moist ground; throughout. June-Aug. (249A.-529B.) Often a troublesome weed

**R. obtusifolius**, L. Bitter Dock

Frequent. Fields and waste ground about dwellings, more often in shaded places. July-Aug. (247A.)

**R. ACETOSELLA**, L. Field Sorrel. Sheep Sorrel

Common. Everywhere in fields and waste ground. A troublesome weed in cultivated ground and grassland. May-July. (814A.-518B.)

**R. ACETOSA**, L. Sorrel Dock

Rare. Well established in grassland, West St., near Prospect St. June-July. (815A.-866B.)

## POLYGONUM, Tourn. Knotweed

**P. aviculare**, L. Doorweed

Common. Yards and waste places; throughout. July-Sept. (257A.-508B.)

- P. erectum**, L.  
Occasional. Roadsides and waste ground, in moist soil; throughout. July-Sept. (255A.-508B.)
- P. tenue**, Michx.  
Frequent. Dry, sandy fields and roadsides; throughout. Aug.-Sept. (256A.-516B.)
- P. pennsylvanicum**, L.  
Occasional. Border of swamps and ponds; Cusick Pond; Panther Swamp. Aug.-Sept. (514B.)
- P. amphibium**, L.  
Occasional. Ponds and swamps; Crescent Lake; Shuttle Meadow Lake; Misery Swamp. Aug.-Sept. (259A.-503B.)
- P. amphibium**, L., var. *Hartwrightii*, Bissell, Rhodora 4: May, 1902. (P. Hartwrightii, Gray)  
Occasional. Low meadows and borders of ponds. Seldom seen in flower. Aug.-Sept. (1184Bissell Herb.)
- P. Muhlenbergii**, Watson. (P. emersum, Britton)  
Rare. Mostly in water, but sometimes along the bank; Lily Pond; Cusick Pond. July-Sept. (512B.)
- P. Carey**, Olney  
Rare. Border of Cusick Pond, on beds of muck, the only station. July-Aug. (506B.)
- P. ORIENTALE**, L.  
Occasional. Waste places and about old gardens; Liberty St.; North Main St. July-Aug. (513B.)
- P. PERSICARIA**, L.  
Common. Fields, waste and cultivated ground in moist land; throughout. July-Sept. (177Bissell Herb.) A troublesome weed in damp soil
- P. hydropiperoides**, Michx.  
Common. Ponds and swamps; throughout. July-Sept. (260A.-511B.)
- P. Hydropiper**, L.  
Common. Border of ponds and swamps; throughout. July-Sept. (1169Bissell Herb.)
- P. acre**, HBK. (P. punctatum, Ell.)  
Rare. Pond foot of Short Mt. Aug.-Sept. (644Andrews Herb.)
- P. acre**, HBK., var. *leptostachyum*, Meisn. (P. punctatum, Ell., var. *leptostachyum*, Small)  
Rare. Wet ground; border of Lily Pond. July-Aug. (510B.)
- P. virginianum**, L.  
Frequent. Woods and thickets in rich soil; throughout. Aug.-Sept. (258A.-517B.)
- P. arifolium**, L. Tear-thumb  
Occasional. Wet woods and about swamps and ponds; Black Pond; Cusick Pond; Crescent Lake. Aug.-Sept. (253A.-504B.)
- P. sagittatum**, L. Arrow-leaved Tear-thumb  
Common. Low ground; everywhere in wet places. July-Sept. (254A.-515B.)

**P. CONVULVULUS, L. Black Bindweed**

Common. Fields and waste ground in all kinds of soil; throughout. July-Sept. (507B.)

**P. scandens, L. (P. dumetorum, L., var. scandens, Gray.) Climbing False Buckwheat**

Common. Moist thickets and waste places, climbing over bushes and tall plants. Aug.-Sept. (252A.-509B.)

**FAGOPYRUM, Tourn. Buckwheat****F. ESCULENTUM, Moench. (F. Fagopyrum, Karst.)**

Frequent. Roadsides and about old fields as an escape from cultivation. June-Aug. (250A.)

**POLYGONELLA, Michx. Jointweed****P. articulata, Meisn.**

Frequent. Barren sand, along the plains between West and Mt. Vernon Sts. Aug.-Sept. (251A.-501B.)

**CHENOPODIACEAE. GOOSEFOOT FAMILY****CHENOPODIUM, Tourn. Goosefoot. Pigweed****C. ALBUM, L. Pigweed.**

Common. Fields and waste ground; throughout. A well known weed. July-Sept. (1526Bissell Herb.)

**C. ALBUM, L., var. VIRIDE, Moq.**

Common. Growing with and like the typical form except the plant is brighter green. July-Sept. (1581Bissell Herb.)

**C. Bosclanum, Moq.**

Rare. Rocky, shaded ground; Mine Hollow St. and Flanders Road; Wolcott Mt. near Lake Compounce. Aug.-Sept. (793A.)

**C. hybridum, L.**

Rare. Roadside in rich soil; South Shuttle St. near lake; Wolcott Mt. near Lake Compounce. July-Aug. (497B.)

**C. ambrosioides, L. Mexican Tea**

Rare. Occasionally seen about gardens on North Main St., the only station. July-Aug. (1523Bissell Herb.)

**C. BOTRYS, L. Jerusalem Oak**

Rare. In old gardens; Bristol St. near Lutheran Church; Queen St. near West Queen St. Aug.-Sept. (625Andrews Herb.)

**SALSOLA, L. Saltwort****S. Kali, L., var. TRAGUS, Moq. (S. Tragus, L.) Russian Thistle**

Rare. In sandy soil along R. R. near Liberty St.; Mulberry St. near South End St. July-Sept. (2416Bissell Herb.) Of recent introduction, first seen in summer of 1899

## AMARANTACEAE. AMARANTH FAMILY

## AMARANTUS, Tourn. Amaranth.

- A. graecizans**, L. (*A. albus*, L.) Tumble Weed  
Common. Waste ground and fields, more often in sandy soil.  
July-Sept. (494B.) In autumn the plant is often uprooted and  
blown about by the wind, hence the name Tumble Weed
- A. RETROFLEXUS**, L.  
Common. Fields and cultivated ground, mostly in manured soil.  
July-Sept. (1634Bissell Herb.)
- A. HYBRIDUS**, L.  
Occasional. Roadsides, waste places and about old gardens. July-  
Sept. (1633Bissell Herb.)

## PHYTOLACCACEAE. POKEWEED FAMILY

## PHYTOLACCA, Tourn. Pokeweed

- P. decandra**, L. Pigeon Berry  
Frequent. Fields, woods, and waste ground; throughout, mostly  
in moist places. July-Sept. (499A-500B.)

## FICOIDEAE. CARPETWEED FAMILY

## MOLLUGO, L.

- M. VERTICILLATA**, L. Carpetweed  
Common. Cultivated fields and waste ground, mostly in sandy soil;  
throughout. Sept. (269A-229B.)

## PORTULACACEAE. PURSLANE FAMILY

## PORTULACA, Tourn. Purslane

- P. OLERACEA**, L. Pussley  
Common. Cultivated fields; throughout. Aug.-Sept. (735A.) A  
very troublesome weed. A common saying is "as mean as  
pussley."

## CLAYTONIA, Gronov.

- C. virginica**, L. Spring Beauty  
Rare. Bank of Quinnipiac River, between South End and Mul-  
berry Sts. April-May. (2648Andrews Herb.)

## CARYOPHYLLACEAE. PINK FAMILY

## DIANTHUS, L. Pink

- D. ARMERIA**, L.  
Occasional. Grasslands in the eastern part of the town, in trap  
soils. July-Sept. (241A-109B.)

**D. BARBATUS, L.** Sweet William

Rare. An escape from gardens; junction South End St. and Meriden Ave.; Flanders Road. June-July. (745A.-877B.)

**SAPONARIA, L.****S. OFFICINALIS, L.** Bouncing Bet

Common. Roadsides and fields; throughout. July-Aug. (239A.)

**S. VACCARIA, L.** (Vaccaria Vaccaria, Britton)

Rare. Cultivated ground on Main St. corner of Hobart St.; Prospect St. June. (115 Andrews Herb.)

**SILENE, L.** Catchfly**S. CUCUBALUS, Wibel.** Bladder Campion

Rare. In grassland near Shuttle Meadow Lake; Spring St.; Meriden Ave. July-Aug. (236A.-114B.)

**S. antirrhina, L.**

Common. In sterile fields; throughout. June-July. (240A.-133B.)

**S. ARMERIA, L.**

Rare. Main St. near Chapman St., escape from garden. Aug.-Sept. (1527 Andrews Herb.)

**S. DICHOTOMA, Ehrh.**

Rare. Clover field; Beecher St.; Curtiss Pond. July-Aug. (115B.) Apparently introduced with clover seed, is well established

**S. NOCTIFLORA, L.**

Occasional. Waste places and about dwellings; throughout. July-Sept. (850B.)

**LYCHNIS, Tourn.** Cockle**L. ALBA, Mill.** (L. vespertina, Sibth.)

Rare. Fields and roadsides; near Compounce Lake; Andrews St. June-Aug. (111B.)

**L. dioica, L.** (L. diurna, Sibth.)

Rare. Roadside Clarks Farms St. July. (99 Andrews Herb.)

**AGROSTEMMA, L.** Corn Rose**A. GITHAGO, L.** (Lychnis Githago, Lam.) Corn Cockle

Rare. Occasionally seen in grain fields. June-July. (237A.-110B.)

**ARENARIA, L.** Sandwort**A. SERPYLLIFOLIA, L.**

Frequent. Sandy soil; throughout. June-July. (243A.)

**A. lateriflora, L.** (Moehringia lateriflora, L.)

Occasional. Moist meadows along the Quinnipiac River. June. (242A.-106B.)

FLORA OF SOUTHTON

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STELLARIA, L. Starwort

- S. MEDIA**, Cyrill. (Alsine media, L.) Chickweed  
Common. Lawns and about buildings; everywhere. March-Dec.  
(245A.-119B.)
- S. longifolia**, Muhl. (Alsine longifolia, Britton)  
Frequent. Wet meadows and damp places; throughout. June-  
July. (244A.-118B.)
- S. GRAMINEA**, L. (Alsine graminea, Britton)  
Rare. Roadsides and cultivated fields; South End St. in field;  
roadside north of Oak Hill Cemetery. June-July. (246A.-  
117B.)

CERASTIUM, L. Mouse-ear Chickweed

- C. VULGATUM**, L.  
Common. Woods and grasslands; throughout. June-July. (108B.)
- C. arvense**, L.  
Rare. Grassland, Center St. at Cemetery; Marion Ave. at Ceme-  
tery. April-May. (2648 Andrews Herb.)

SAGINA, L. Pearlwort

- S. procumbens**, L.  
Rare. Alcott Road, on a wet bank about half way up the mountain;  
woods, Pleasant St. May-June. (2190 Andrews Herb.)

SPERGULARIA, Pers. Sand Spurry

- S. rubra**, J. and C. Presl. (Tissa rubra, Britton. Buda rubra, Du-  
mont)  
Frequent. Roadsides in damp places; Prospect St.; Curtis St.;  
Meriden Ave. June. (734A.-849B.)

SPERGULA, L. Spurry

- S. ARVENSIS**, L. Corn Spurry  
Rare. Cultivated ground near Curtis St., corner Main and Hobart  
Sts. June-Aug. (2476 Andrews Herb.)

ILLECEBRACEAE. KNOTWORT FAMILY

ANYCHIA, Michx. Forked Chickweed

- A. capillacea**, DC. (A. canadensis, B. S. P.)  
Frequent. Dry woods in all soils; throughout. July-Aug.  
(797A.)

SCLERANTHUS, L. Knawel.

- S. ANNUUS**, L.  
Frequent. Roadsides and fields, in dry sand; throughout. April-  
July. (506A.-492B.)

## NYMPHAEACEAE. WATER LILY FAMILY

## BRASENIA, Schreber

- B. Schreberi**, Gmel. (*B. peltata*, Pursh.) Water-shield  
Rare. At Lily Pond with *Nymphaea odorata*. July-Aug. (854B.)

## NYMPHAEA, Tourn. Water Lily

- N. odorata**, Ait. (*Castalia odorata*, Dryand.) White Water Lily  
Occasional. In ponds; throughout. June-July. (37Andrews Herb.)

## NUPHAR, Smith

- N. advena**, Ait. f. (*Nymphaea advena*, Soland.) Yellow Pond Lily  
Frequent. In bogs along streams and in ponds; throughout. July-Aug. (738A.)

## MAGNOLIACEAE. MAGNOLIA FAMILY

## LIRIODENDRON, L.

- L. Tulipifera**, L. Tulip-tree  
Occasional. Rich woods; throughout, in all soils. (1346Andrews Herb.)

## RANUNCULACEAE. CROWFOOT FAMILY

## CLEMATIS, L. Virgin's Bower

- C. virginiana**, L.  
Common. In hedges and thickets, more common in damp than dry soils; throughout. July-Aug. (285A.-40B.) Tails of the plumose fruit quite showy in autumn
- C. verticillaris**, DC. (*Atragene americana*, Sims.) Purple Clematis  
Rare. Along the trap dykes in the eastern part of the town, notably at High Rock Mt. and Short Mt., also on Meriden Mt. May. (286A.-39B.)

## ANEMONE, Tourn. Wind-flower

- A. cylindrica**, Gray  
Rare. Dry ground by roadside; Woodruff St. near Tyler Pond; hillside at Oak Hill Cemetery, the only stations. June-July. (771A.-33B.) Easily distinguished from *A. virginiana* by its more slender appearance and long, slim heads of fruit
- A. virginiana**, L.  
Frequent. Woods and moist, shaded ground; throughout. July-Aug. (772A.-35B.)
- A. canadensis**, L. (*A. pennsylvanica*, L.)  
Rare. Grassland, Hobart St., near Windrow Hill, the only station. June. (2638Andrews Herb.)

**A. quinquefolia**, L. (*A. nemorosa*, L. of Manual)

Common. In shade and half-shade; throughout. May-June.  
(281A.-34B.)

## HEPATICA, Dill.

- H. triloba**, Chaix. (*Hepatica Hepatica*, Karst.) *Hepatica*. Liverwort  
Frequent. In shaded places; throughout. March-April. (284A.-  
42B.) One of our earliest spring flowers, confined strictly to  
shade, cannot bear the direct rays of the sun; if from any cause  
the protecting shade is removed it soon perishes

## ANEMONELLA, Spach.

**A. thalictroides**, Spach. (*Syndesmon thalictroides*, Hoffmg.) Rue-  
anemone

Common. In shade and half-shade, in dry and sometimes in damp  
situations; throughout. April-May. (282A.-36B.) Often growing  
in large patches

## THALICTRUM, Tourn. Meadow Rue

**T. dioicum**, L.

Occasional. On wooded hillsides in rocky ground, no soil prefer-  
ences noticeable, rarely seen in open ground. April-May. (53B.)

**T. polygamum**, Muhl.

Common. In low meadows and along streams; throughout. July-  
Sept. (769A.)

**T. purpurascens**, L.

Occasional. Hard, stony soil of the trap region; roadside Berlin  
St.; Lansing St. near Flanders Road. June-July. (770A.-54B.)  
Much resembles *T. polygamum*, but can be easily distinguished by  
its time of flowering and its habitat

## RANUNCULUS, Tourn. Buttercup

**R. aquatilis**, L., var. **trichophyllus**, Gray. (*Batrachium trichophyllum*,  
Bossch.) White Water Crowfoot

Frequent. In running water, especially the Quinipiac River and  
its numerous tributaries. June-Aug. (766A.-47B.)

**R. multifidus**, Pursh. (*R. delphinifolius*, Torr.) Yellow Water Crow-  
foot.

Rare. Only one station, in small pond in one of the numerous de-  
pressions between Flanders Road and Pleasant St., east of Cusick  
Pond. May-June. (1482 Andrews Herb.; 1372 Bissell Herb.)

**R. multifidus**, Pursh., var. **terrestris**, Gray

Rare. At Panther Swamp; the only station. Aug. (292A.-  
50 and 875B.) Rooting in the mud, has smaller, coarsely dis-  
sected leaves, round, reniform in outline. Apparently the same  
root produces either form of leaf as is required by the presence  
or absence of water.

**R. ambigeus**, Watson. (*R. obtusiusculus*, Raf.)

Frequent. In ditches and wet places; throughout. June-July.  
(46B.) Has succulent stems often rooting in the mud

B

New  
Bra

**R. abortivus, L.**

Common. Fence rows and sheltered situations, usually in moist soil; throughout. May. (290A.-43B.)

**R. abortivus, L., var. micranthus, Gray**

Rare. Exposed ledges, summits High Rock and Meriden Mts.; also near Mine Hollow St. May. (44B.)

**R. recurvatus, Poir.**

Frequent. In woods and shades; throughout. May-June. (288A.-51B.)

**R. hispidus, Michx.**

Rare. Hard, stony soil at the west and north of Shuttle Meadow Lake. May. (293A.-49B.) Flowering about two weeks earlier than *R. septentrionalis*

**R. septentrionalis, Poir.**

Common. Ditches and wet places; throughout. May-June. (289A.-52B.) Stems usually forming long runners; bears the largest flowers of all the buttercups

**R. BULBOSUS, L.**

Common. Dry pastures and uplands, in all soils. May-June. (287A.-48B.) The most abundant of all the buttercups

**R. ACRIS, L.**

Common. Usually in damp and wet locations, but sometimes found in dry places; throughout. June-Aug. (291A.-45B.)

**R. ACRIS, L., var. STEVENI, Andrz. (Rhodora, 1: 227, 1899)**

Rare. Beside brook in rocky woods, Clark's Farms St. June. (1447 Bissell Herb.) Leaf segments broad. Specimens have also been collected with leaves intermediate in form between those of this variety and the type

**CALTHA, L.****C. palustris, L. Marsh Marigold**

Common. Swamps, wet meadows, and along streams; throughout. April-May. (279A.-38B.)

**COPTIS, Salisb.****C. trifolia, Salisb. Goldthread**

Frequent. Shaded woods and wet swamps; throughout. May. (283A.-41B.)

**AQUILEGIA, Tourn. Columbine****A. canadensis, L.**

Frequent. Along the mountains, usually growing in crevices of rocks, but sometimes spreading into grasslands. May-June. (278A.-37B.)

**CIMICIFUGA, L. Bugbane****C. racemosa, Nutt. Black Snakeroot**

Rare. Rocky woods base of Meriden Mt., east of Savage St., the only station. July-Aug. (773A.-875B.)

## FLORA OF SOUTHTON

51

## ACTAEA, L. Baneberry

- A. spicata**, L., var. **rubra**, Ait. (*A. rubra*, Willd.) Red Baneberry  
Frequent. Rich woods; throughout. May-June. (765A.-32B.)  
Its red berries quite showy in late summer
- A. alba**, Bigel. White Baneberry  
Occasional. Rocky woods in rich soil; throughout. May-June.  
(294A.) When growing with *A. rubra* this species blooms about  
one week earlier. Berries white

## HYDRASTIS, Ellis. Orange-root

- H. canadensis**, L. Golden Seal  
Rare. Base of Meriden Mt. east of Savage St.; the only station.  
(See *Rhodora*, 1: 157, 1899.) May-June. Specimen in Gray  
Herbarium

## BERBERIDACEAE. BARBERRY FAMILY

## BERBERIS, L. Barberry

- B. vulgaris**, L.  
Rare. Old pastures; Clark's Farms St. near Newell Rock; Savage  
St. near South End St. May-June. (55B.)

## CAULOPHYLLUM, Michx.

- C. thalictroides**, L. Blue Cohosh  
Occasional. Along the trap hills at base of Meriden Mt.; Short  
Mt.; Mine Hollow St. May-June. (92A.-56B.)

## PODOPHYLLUM, L. Mandrake

- P. peltatum**, L. May Apple  
Rare. Thicket Andrews St. at junction with Andrews St. exten-  
sion, the only station. May. (864B.) Often cultivated

## MENISPERMACEAE. MOONSEED FAMILY

## MENISPERMUM, L.

- M. canadense**, L. Moonseed  
Occasional. While the Manual gives the habitat of this plant as  
"banks of streams," in Southington it is only found along the  
rocky mountain sides in dry and sterile soil, extending from  
Meriden Mt. north along the trap hills. June-July. (91A.-  
876B.)

## LAURACEAE. LAUREL FAMILY

## SASSAFRAS, Nees. Sassafras

- S. officinale**, Nees. (*S. Sassafras*, Karst.)  
Frequent. Rich woodlands; throughout. May. (180A.-523B.)  
The tree seems to spread from the root, often forming colonies

## LINDERA, Thunb. Wild Allspice

- L. Benzoin**, Blume. (Benzoin Benzoin, Coult.) Spice Bush  
Common. Moist woods in low thickets and along streams;  
throughout. April. (467A-523B.)

## PAPAVERACEAE. POPPY FAMILY

## SANGUINARIA, Dill.

- S. canadensis**, L. Blood-root  
Frequent. Rich ground in trap soils of the eastern part of the  
town. April-May. (280A-57B.)

## CHELIDONIUM, L.

- C. MAJUS**, L. Celandine  
Occasional. About buildings, deserted houses, and waste ground.  
May-June. (104A.)

## PAPAVER, Tourn. Poppy

- P. Rhoeas**, L.  
Rare. One or two specimens found in a meadow on Main St. oppo-  
site Oak Hill Cemetery, probably introduced in grass seed; has  
since disappeared. July. Specimen in Gray Herbarium

## FUMARIACEAE. FUMITORY FAMILY

## ADLUMIA, Raf.

- A. cirrhosa**, Raf. (A. fungosa, Greene.) Climbing Fumitory  
Rare. North slope of Short Mt. and mountain side east of Flan-  
ders Road, north of Mine Hollow St. July-Aug. (93A-58B.)  
Often cultivated

## DICENTRA, Borkh.

- D. Cucullaria**, DC. (Bicuculla Cucullaria, Millsp.) Dutchman's  
Breeches  
Occasional. Along the rocky sides of trap hills, plentiful on the  
east side of Mine Hollow St. May-June. (59B.)
- D. canadensis**, DC. Squirrel Corn  
Rare. Rich woods, in moist, rocky ground; Long Bottom St. near  
Plainville line, growing with D. Cucullaria. April-May.  
(2684 Andrews Herb.)

## CORYDALIS, Vent.

- C. glauca**, Pursh. (Capnoides sempervirens, Borkh.)  
Occasional. In dry places, usually growing in crevices of rocks  
and in open sunshine, does not thrive in shade; Meriden Mt.;  
High Rock Mt. May-June. (732A-60B.)

FUMARIA, Tourn.

**F. OFFICINALIS, L.** Fumitory

Rare. In deserted gardens and about dwellings. July. (733A.)

CRUCIFERAE. MUSTARD FAMILY

DENTARIA, Tourn. Toothwort

**D. diphylla, Michx.**

Occasional. Shady, damp locations, preferring trap soil; Clark's Farms Road north of Savage St.; base of Short Mt.; Flanders St. May. (300A.-77B.)

**D. laciniata, Muhl.**

Rare. With *D. diphylla*, at base of Short Mt.; Meriden Mt. May-June. (74B.)

CARDAMINE, Tourn. Bitter Cress

**C. rhomboidea, DC.** (*C. bulbosa*, B. S. P.)

Occasional. Wet woods and meadows; throughout. May-June. (303A.-73B.) Its white flowers quite showy. Does not seem to ever mature fruit

**C. pennsylvanica, Muhl.** (*C. hirsuta*, of Manual, in part)

Common. Wet places along streams and in ditches. May-June. (72B.)

**C. parviflora, L.** (*C. hirsuta*, L., var. *sylvatica*, Gaud.)

Rare. Dry, sterile soil summit of trap hills. May-June. (743A.-71B.)

ARABIS, L. Rock Cress

**A. laevigata, Poir.**

Occasional. In shade and open ground, summit of trap dykes. May-June. (62B.)

**A. canadensis, L.** Sickle-pod

Occasional. In shaded or open places, preferring heavy soils, either trap or loam. June. (298A.-61B.) Pods large, scythe shaped, hence the name

**A. perfoliata, Lam.** (*A. glabra*, Bernh.)

Rare. Only seen in Farmington River meadows and rare there. June. (70A.)

**A. lyrata, L.**

Occasional. On trap dykes, usually at summit. May-June. (63B.)

ALYSSUM, Tourn.

**A. calycinum, L.** (*A. alyssoides*, Gouan.)

Rare. Main St. opposite junction of Meriden Ave. by roadside; Berlin Ave. west of Woodruff St. May-June. (1B.) Probably introduced in grass seed

## BERTEROA, DC.

**B. INCANA, DC.**

Rare. First noticed in Southington in 1897 at corner of Beecher and Mill Sts.; has since been found on Meriden Ave. July-Aug. (295A.-2 and 3B.)

## NASTURTIUM, R. Br. Water Cress

**N. OFFICINALE, R. Br. (Roripa nasturtium, Rusby.)**

Common. Ditches and along streams; throughout. June-July. (311A.-81B.)

**N. terrestre, R. Br. (Roripa palustris, Bess. N. palustre, DC. of Manual)**

Rare. Moist field Jude Lane; waste ground Plantsville; cultivated ground Main St. June-Aug. (82B.) Pods all oblong

**N. terrestre, R. Br., var. hispidum, Fisch. and Meyer. (Roripa hispida, Britton)**

Occasional. Ditches and wet places; throughout. July-Aug. (83B.) More common than the type; pods subglobose

**N. ARMORACIA, Fries. (Roripa Armoracia, A. S. Hitchcock.) Horse-radish**

Occasional. Low ground and along streams, rarely perfecting fruit. May-June. (80B.)

## BARBAREA, R. Br. Winter Cress

**B. vulgaris, R. Br. (B. Barbarea, MacM.) Yellow Rocket**

Frequent. Moist ground and brooksides, but sometimes in dry ground; throughout. May-June. (306A.-64B.)

**B. stricta, Andrz.**

Rare. Waste ground in sandy soil, near corner of Hobart and Oak Sts., the only station. May-June. (1721 Andrews Herb.) A peculiar form having all the lower pods spreading, the upper ones appressed, has been collected near the north end of Windrow Hill, and is shown by specimen 306A.

## ERYSIMUM, Tourn. Treacle Mustard

**E. cheiranthoides, L.**

Rare. Only one station, cultivated field, Andrews St. June-Aug. (301A.-76B.) Recently introduced

## SISYMBRIUM, Tourn. Hedge Mustard

**S. OFFICINALE, Scop.**

Common. Along roadsides and in cultivated fields; throughout. June-July. (299A.-86B.)

## BRASSICA, Tourn. Mustard

**B. SINAPISTRUM, Boiss. (B. arvensis, B. S. P.) Charlock**

Occasional. In cultivated ground; throughout. July. (309A.-68B.)

**B. JUNCEA, Cosson.**

Frequent. Cultivated fields; throughout. June-July. (308A.-66B.) Grows with and much resembles *B. Sinapistrum*, the distinction being in the pod and glaucous stem

**B. NIGRA, Koch. Black Mustard**

Frequent. Cultivated ground and old gardens, about dwellings and waste places; throughout. July-Sept. (67B.)

**B. CAMPESTRIS, L. Turnip**

Occasional. Cultivated and waste ground; throughout. May-June. (863B.) Sometimes persisting for a year or more

**B. Napus, L. Rape**

Rare. About dwellings, probably introduced with bird seed. July-Aug. (1246 Andrews Herb.) Does not persist

**DIPLTAXIS, DC.****D. muralis, DC. Sand Rocket**

Rare. Only one plant found, in cultivated field, corner of Main and Hobart Sts. July. (302A.-75B.) Did not persist

**CAPSELLA, Medic.****C. BURSA-PASTORIS, Moench. (Bursa Bursa-pastoris, Britton.) Shepherd's Purse**

Common. In cultivated ground; throughout. April-May. (305A.-70B.) A troublesome weed. Leaves vary greatly in form, being much more dissected when plants grow in dry soil

**THLASPI, Tourn. Pennycress****T. ARVENSE, L.**

Rare. Waste ground Liberty St., and along R. R. near Center St. May-June. (851B.)

**LEPIDIUM, Tourn. Peppergrass****L. virginicum, L.**

Common. Waste places by roadsides, and in cultivated fields; throughout. June-Aug. (307A.-79B.)

**L. apetalum, Willd. (L. intermedium, Gray, in part)**

Frequent. Fields, roadsides, and waste ground; throughout. Aug.-Sept. (310A.-78B.) Has more slender racemes than *L. virginicum*

**L. CAMPESTRE, Br.**

Rare. Grassland in field east of Vermont Ave.; Queen St.; Trotting Park. May-June. (1473 Andrews Herb.)

**L. sativum, L.**

Rare. Sometimes escapes from gardens, but soon disappears. June-July. (1733 Andrews Herb.)

**RAPHANUS, Tourn. Radish****R. RAPHANISTRUM, L. Wild Radish**

Frequent. Cultivated fields; throughout. July-Aug. (297A.-85B.) At times a troublesome weed

**R. SATIVUS, L. Garden Radish**

Rare. About old gardens, sometimes persisting a few years. July-Aug. (296 Andrews Herb.)

**SARRACENIACEAE. PITCHER PLANT FAMILY****SARRACENIA, Tourn.****S. purpurea, L. Pitcher Plant**

Occasional. Peat bogs; Tamarack Swamp; Lily Pond. June. (740A.)

**DROSERACEAE. SUNDEW FAMILY****DROSER, L. Sundew****D. rotundifolia, L.**

Occasional. Wet meadows, swamps, and bogs; throughout. July. (112A.-215B.)

**D. intermedia, Hayne. (D. intermedia, Hayne., var. americana, DC.)**

Rare. Sphagnum bog Tamarack Swamp. July-Aug. (113A.-214B.)

**CRASSULACEAE. ORPINE FAMILY****PENTHORUM, Gronov. Stone-crop****P. sedoides, L.**

Common. Ditches and shaded places; throughout, growing in mud. July-Sept. (268A.-213B.)

**SEDUM, Tourn. Orpine****S. TELEPHIUM, L. Live-for-ever**

Frequent. Roadsides and grasslands; throughout, thriving best in damp soil. Aug.-Sept. (758A.)

**SAXIFRAGACEAE. SAXIFRAGE FAMILY****SAXIFRAGA, L. Saxifrage****S. virginiana, Michx.**

Frequent. Shady banks along the mountain sides. April-May. (760A.-212B.)

**S. pennsylvanica, L.**

Occasional. Swamps and wet meadows; throughout. May-June. (761A.-211B.)

**MITELLA, Tourn. Mitrewort****M. diphylla, L. Bishop's-cap**

Occasional. Damp shades along the mountain ranges. May-June. (368A.-207B.)

CHRYSOPLANIUM, Tourn. Golden Saxifrage

**C. americanum**, Schwein.

Occasional. Mountain hills and wet shaded places among the hills.  
May-June. (370A.)

PARNASSIA, Tourn. Grass of Parnassus

**P. caroliniana**, Michx.

Occasional. Wet meadows; Curtiss St., banks of canal; East St.  
near Clark's Farms St. Sept. (369A.-208B.)

RIBES, L. Currant. Gooseberry

**R. GROSSULARIA**, L. Garden Gooseberry

Rare. Old stone fence near Savage St. the only station. May-  
June. (354Bissell Herb.)

**R. oxycanthoides**, L.

Occasional. Thickets and rocky woods; throughout. May-June.  
(210B.)

**R. RUBRUM**, L. Red Currant

Occasional. Roadsides and fence rows; throughout. May.  
(2199Andrews Herb.)

**R. floridum**, L'Her. Black Currant

Frequent. Woods and thickets, in wet ground; throughout. June.  
(209B.)

HAMAMELIDACEAE. WITCH HAZEL FAMILY

HAMAMELIS, L.

**H. virginiana**, L. Witch Hazel

Common. Wet places; throughout, but most common in trap soil.  
Oct.-Nov. (355Andrews Herb.)

PLATANACEAE. PLANE-TREE FAMILY

PLATANUS, L. Sycamore

**P. occidentalis**, L. Buttonball

Frequent. Low ground mostly along streams; throughout. May.  
(534B.)

ROSACEAE. ROSE FAMILY

PRUNUS, Tourn. Plum. Cherry

**P. americana**, Marsh. Wild Plum

Occasional. Sandy soil in both moist and dry places. May.  
(223A.)

**P. DOMESTICA**, L. Common Plum

Rare. Roadside, Carey St. near Andrews St. A few small shrubs.  
May-June. (5520Bissell Herb.)

***P. cuneata*, Raf.**

Rare. Churchill St. near Mt. Vernon St.; Plainville road near town line. May. (222A.-194B.)

***P. pennsylvanica*, L. f.**

Occasional. Sterile and rocky ground, apparently confined to the eastern half of the town. May. (225A.-193B.)

***P. virginiana*, L. Choke Cherry**

Common. Woods and fence rows in dry ground and in all soils; throughout. June. (671A.-195B.)

***P. serotina*, Ehrh. Wild Cherry**

Common. Dry woods, thickets, and waste ground; throughout. June. (224A.)

***P. AVIUM*, L. Sweet Cherry**

Frequent. Roadsides, fence rows, and woods; throughout. May. (5513Bissell Herb.)

***P. Cerasus*, L. Sour Cherry**

Rare. Thicket, Carey St., near old cellar. May. (2794Andrews Herb.)

**SPIRAEA, L. Meadow Sweet*****S. salicifolia*, L., var. *latifolia*, Ait.**

Common. Fence rows and open places; throughout. July-Aug. (210A.-206B.)

***S. tomentosa*, L. Hardhack**

Common. Low pastures and along fence rows; throughout. July-Sept. (211A.)

***S. ULMARIA*, L. (*Ulmaria Ulmaria*, Borkh.)**

Rare. Waste ground along river near Southington R. R. station. Escape from cultivation. July. (259Andrews Herb.)

**RUBUS, Tourn. Bramble. Blackberry. Raspberry*****R. odoratus*, L. Flowering Raspberry**

Occasional. Rocky places along the trap hills. July-Sept. (212A.-203B.)

***R. triflorus*, Richardson. (*R. americanus*, Britton)**

Rare. Rich woods, north end Windrow Hill; foot of Short Mt. May. (216A.-205B.)

***R. neglectus*, Peck. (*R. strigosus* X *occidentalis*, C. F. Austin.) Purple Raspberry**

Occasional. Roadsides, thickets, and fence rows, usually in heavy soils. June. (213A.-204B.)

***R. occidentalis*, L. Black Raspberry**

Common. Woods, roadsides and fence rows in all soils; throughout. May-June. (215A.-202B.)

***R. nigrobaccus*, Bailey. (*R. villosus*, authors not of Ait.) High Bush Blackberry**

Common. Woods and thickets in all soils; throughout. June. (2338Andrews Herb.) Fruit usually large and of fine quality

- R. argutus**, Link. (*R. villosus*, var. *frondosus*, Torr.)  
Occasional. Sandy or waste ground; throughout. May-June.  
(2334 Andrews Herb.) Fruit smaller and inferior in quality to that of *R. nigrobaccus*
- R. argutus**, Link., var. *Randii*, Bailey  
Occasional. Dry or sandy woods; throughout. June. (2335 Andrews Herb.) A low, slender bush with usually small, tasteless fruit
- R. cuenifolius**, Pursh.  
Rare. Pasture Clark's Farms St. at Newell Rock; roadside Mulberry St. June. (2727-2728 Bissell Herb.) A low bush with stout, erect canes, the whole plant covered with strong hooked spines. Fruit of good size and fine flavor
- R. setosus**, Bigel.  
Occasional. Dry, sandy soil; throughout. June. (2332 Andrews Herb.) A low bush, the stems sometimes decumbent and usually covered with reflexed bristles
- R. hispidus**, L.  
Common. Swamps and low ground, sometimes in dry, shaded places; throughout. June-July. (669A.) Fruit small, dry, and sour
- R. villosus**, Ait. (*R. canadensis*, of Gray's Manual, not of L.) Dewberry  
Common. Fields, pastures, and roadsides in sandy soil; throughout. June. (2703 Bissell Herb.)
- R. invisus**, Bailey  
Occasional. Sandy fields and waste ground. June. (214A.)

GEUM, L. Aven.

- G. canadense**, Jacq. (*G. album*, Gmelin.)  
Common. Thickets and borders of woods; throughout. June-Aug. (183B.)
- G. virginianum**, L.  
Common. Low woods and thickets; throughout. June-Aug. (253 Andrews Herb.)
- G. flavum**, Bicknell  
Rare. Rocky woods foot of Meriden Mt. near Savage St. June-Aug. (5521 Bissell Herb.)
- G. strictum**, Ait.  
Rare. Roadside and old field, in wet ground Spring St., near river. July. (185B.)
- G. rivale**, L.  
Occasional. Wet or swampy meadows; throughout. May-June. (184B.)

FRAGARIA, Tourn. Strawberry

- F. virginiana**, Mill.  
Common. Fields and waste ground; throughout. April-June. (2673 Andrews Herb.)

**F. virginiana**, Mill., var. **illinoensis**, Gray

Rare. Well established as an escape along roadside Mill St. near river. May-June. (3138Bissell Herb.)

**F. americana**, Britton

Frequent. Woods, more often in rocky ground; throughout. May-July. (264Andrews Herb.)

**POTENTILLA**, L. Five Finger**P. arguta**, Pursh.

Occasional. Hard, sterile soil at a few stations. July-Aug. (220A.-187B.)

**P. RECTA**, L.

Rare. Roadsides and fields in dry soil, Curtis St. near R. R.; Hobart St. near Main St.; Berlin St. near Pleasant St. June-July. (228A.-190B.)

**P. monspeliensis**, L. (*P. Norvegica*, L.)

Frequent. Fields and waste ground in damp places; throughout. June-Aug. (227A.-189B.)

**P. argentea**, L.

Common. Roadsides and fields in dry, sandy soil; throughout. May-Aug. (187B.)

**P. fruticosa**, L.

Rare. Wet, swampy ground north of Spring St. near R. R. Aug.-Sept. (230A.-188B.)

**P. simplex**, Michx. (*P. canadense* of authors in part)

Common. Fields, roadsides, and woods; throughout. April-July. (226A.)

**AGRIMONIA**, L. Agrimony**A. gryposepala**, Wallr. (*A. hirsuta*, Bicknell)

Common. Roadsides and border of woods; throughout. July-Aug. (2746Andrews Herb.)

**A. microcarpa**, Wallr. (*A. striata*, Bicknell)

Rare. Rocky woods along the trap hills. July-Aug. (5630Bissell Herb.)

**A. pubescens**, Wallr. (*A. mollis*, Britton)

Occasional. Dry woods and thickets; throughout. July-Aug. (2747Andrews Herb.)

**A. striata**, Michx. (*A. Brittoniana*, Bicknell)

Frequent. Woods and thickets, mostly in hard soil; throughout. July-Aug. (2745Andrews Herb.)

**ROSA**, Tourn. Rose**R. carolina**, L. Swamp Rose

Common. Wet places; throughout. June-July. (198B.)

**R. humilis**, Marsh. Wild Rose

Common. Woods, fields, and pastures; throughout. June-July. (199B.)

- R. CINNAMOMEA**, L. Cinnamon Rose  
Rare. Flanders Road; Andrews St., an escape from cultivation.  
June-July. (208A.)
- R. RUBIGINOSA**, L. Sweetbrier  
Occasional. Roadsides and thickets, usually in hard, trap soil.  
June-Aug. (200B.)

#### PYRUS, L. Pear. Apple

- P. arbutifolia**, L. f. (*Aronia arbutifolia*, Ell.) Red Choke Berry  
Rare. Moist thickets, Dunham St. near Paton Brook. May-June.  
(2755 Andrews Herb.)
- P. arbutifolia**, L. f., var. *melanocarpa*, Hook. (*Aronia nigra*, Britton.) Black Choke Berry  
Common. Usually in low wet places, but sometimes in dry, sterile ground; throughout. May-June. (774A.-196B.)
- P. COMMUNIS**, L. Choke Pear  
Occasional. Fields, roadsides, and fence rows as an escape from cultivation. May. (218A.)
- P. MALUS**, L. (*Malus Malus*, Britton.) Apple  
Common. Fields and roadsides, most common in the rocky pastures of the trap hills, where it becomes troublesome to the farmers. May-June. (219A.-197B.)

#### CRATAEGUS, L. Thorn

- C. Crus-galli**, L. Cockspur Thorn  
Rare. A few shrubs are growing in low, rocky pasture near foot of High Rock Mt.; the only station. June. (235A.-180B.)
- C. macracantha**, Lodd. (*C. coccinea*, L., var. *macracantha*, Dudley)  
Rare. Roadside in rocky ground, South Shuttle St. near Flanders Road. Two small shrubs only. June. (402 Bissell Herb.)
- C. Intricata**, Lange.  
Occasional. Roadsides and pastures, more often in hard soil; throughout. May-June. (2401 Bissell Herb.)  
Beside the above, two other forms occur that were formerly called *C. coccinea*, L., but they need further study to determine their proper place as that species is now treated

#### AMELANCHIER, Medic. Shad-bush

- A. canadensis**, Torr. and Gray  
Frequent. Dry woods and thickets, more often in rocky ground; throughout. May. (2766 Andrews Herb.) Flowers cream white and fragrant
- A. canadensis**, Torr. and Gray, var. (?) *oblongifolia*, Torr. and Gray. (*A. Botryapium*, DC.)  
Common. In both sandy and hard soils, and wet or dry places, from sand plains to swamps; throughout. May. (2760 Andrews Herb.)

**A. spicata, Lam.**

Frequent. Sand plains and sterile hills; throughout. Usually growing in colonies, blooms about one week later than the common shad-bush. May. (2764 Andrews Herb.)

A form of this with very small and narrow petals, collected near corner of Marion Ave. and Wonx Spring St., may prove to be distinct, and is represented by 2765 Andrews Herb.

## LEGUMINOSAE. PULSE FAMILY

## BAPTISIA, Vent. False Indigo

**B. tinctoria, R. Br.**

Frequent. Dry, sandy, or sterile soil; throughout. More frequent on the sand plains. July-Aug. (331A.)

## CROTALARIA, L.

**C. sagittalis, L. Rattle-box**

Common. Dry, sandy, or sterile soil; throughout; more common on the sand plains. July-Aug. (330A.-154B.)

## LUPINUS, Tourn. Lupine

**L. perennis, L. Wild Bean**

Frequent. Dry, sandy soil; throughout. May-June. (329A.-169B.) Plants having all the flowers pure white are sometimes found

## TRIFOLIUM, Tourn. Clover

**T. arvense, L. Rabbit-foot Clover**

Common. Roadsides, waste ground, in grain fields; throughout. July-Aug. (337A.)

**T. pratense, L. Red Clover**

Common. Everywhere, preferring rich, deep soil. June-Sept. (334A.)

**T. repens, L. White Clover**

Common. Everywhere in fields and pastures, preferring moist soils. May-Sept. (331A.-176B.)

**T. hybridum, L. Alsike Clover**

Frequent. Roadsides and cultivated fields; throughout. June-Aug. (339A.)

**T. agrarium, L. Yellow Clover**

Common. Fields and waste ground; throughout; more often in thin, sterile soil. June-Aug. (336A.)

**T. incarnatum, L. Italian Clover**

Occasional. Fields, sometimes introduced by the farmers, but does not persist. June-July. (3409 Bissell Herb.)

MELILOTUS, Tourn. Sweet Clover

**M. OFFICINALIS**, Willd.

Rare. Waste ground, Flanders Road; Queen St.; Center St. June-July. (328A.-884B.)

**M. ALBA**, Lam.

Rare. Along R. R. near Mill St. the only station. July-Aug. (224 Andrews Herb.)

MEDICAGO, Tourn. Medick.

**M. SATIVA**, L. Alfalfa

Rare. Introduced in grassland. June-Sept. (171B.)

**M. LUPULINA**, L.

Frequent. Waste places and roadsides; throughout. June-Aug. (332A.-170B.)

TEPHROSIA, Pers. Hoary Pea

**T. virginiana**, Pers. (*Cracca virginiana*, L.)

Occasional. Apparently confined to the sand plains of the western half of the town. June. (784A.-175B.)

ROBINIA, L. Locust-tree

**R. Pseudacacia**, L. Yellow Locust

Occasional. Sandy soil, escaped from cultivation and thoroughly naturalized at a number of stations. June. (333A.)

**R. viscosa**, Vent. Clammy Locust

Rare. Established on old turnpike near Mulberry St., and on Clark's Farms St. near Waterbury Road. An escape from cultivation. June-July. (173B.)

**R. hispida**, L. Rose Acacia

Rare. Well established along roadside at Oak Hill Cemetery. May-June. (776A.-172B.)

CORONILLA, L.

**C. VARIA**, L. English Clover

Rare. An escape from cultivation. Well established near corner of Hobart St. and Pleasant; Meriden Ave. near Cemetery, and on Berlin St. June-Aug. (327A.-153B.) Grows in dense patches

DESMODIUM, Desv. Tick Trefoil

**D. nudiflorum**, DC. (*Meibomia nudiflora*, Kuntze.)

Frequent. Dry woodlands; throughout. July-Aug. (160B.)

**D. acuminatum**, DC. (*Meibomia grandiflora*, Kuntze.)

Frequent. Dry woods and thickets; throughout. July-Aug. (155B.)

**D. rotundifolium**, DC. (*Meibomia Michauxii*, Vail.)

Occasional. Dry hillsides along borders of woods; throughout. July-Aug. (781A.-163B.)

- D. canescens**, DC. (*Meibomia canescens*, Kuntze.)  
Rare. Sandy soil, Lansing St. near Paton Brook the only station.  
July-Aug. (783A.-157B.)
- D. bracteatum**, DC. (*D. cuspidatum*, Torr. and Gray)  
Frequent. Dry woods and thickets; throughout; preferring hard soils. July-Aug. (779A.)
- D. Dillenii**, Darl. (*Meibomia Dillenii*, Kuntze.)  
Rare. Rocky woods, Woodruff St. near East St., the only station.  
Aug.-Sept. (1919Bissell Herb.)
- D. paniculatum**, DC. (*Meibomia paniculatum*, Kuntze.)  
Common. Border of woods and thickets; throughout. Aug.-Sept. (161B.)
- D. canadense**, DC. (*Meibomia canadensis*, Kuntze.)  
Common. Border of woods, along fence rows, and in open fields, mostly in sandy soil; throughout. July-Aug. (780A.-156B.)
- D. rigidum**, DC. (*Meibomia rigida*, Kuntze.)  
Common. Sandy ground; throughout. Aug. (778A.-162B.)
- D. marilandicum**, F. Boott. (*Meibomia marylandica*, Kuntze.)  
Frequent. Sandy or sterile hillsides; throughout. Aug. (159B.)

#### LESPEDeza, Michx. Bush Clover

- L. procumbens**, Michx.  
Occasional. Hillsides and borders of woods in sterile soil; throughout. Aug.-Sept. (1355Andrews Herb.)
- L. violacea**, Pers.  
Occasional. Dry, rocky woods, usually in trap soil. Aug. (2584Andrews Herb.)
- L. Nuttallii**, Darl.  
Rare. Sand plains, near Prospect St., the only station. Aug. (4847Bissell Herb.)
- L. Stuvei**, Nutt.  
Occasional. Sandy or sterile ground; throughout. Aug. (2696Andrews Herb.) Not as pubescent as some forms from more western stations
- L. intermedia**, Britton. (*L. Stuvei*, Nutt., var. *intermedia*, Watson.  
*L. frutescens*, Britton)  
Common. Border of woods and thickets, in sandy soil; throughout. Aug. (1358Andrews Herb.) A pubescent form of this species has been collected on Mulberry St., and is represented by 4627-Bissell Herb.
- L. reticulata**, Pers. (*L. virginica*, Britton)  
Rare. Roadside in sandy soil near Dickerman's Corner; woods near Lake Compounce. Aug. (4625Bissell Herb.)
- L. polystachya**, Michx. (*L. hirta*, Ell.)  
Frequent. Border of woods and in fields, in dry soil; throughout. Aug. (344A.-166B.)
- L. capitata**, Michx.  
Common. Dry fields in sandy or gravel soils; throughout. Aug. (165B.)

## FLORA OF SOUTHTON

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## VICIA, Tourn. Vetch

- V. SATIVA**, L. Field Vetch  
Rare. Sometimes seen in cultivated grounds, but does not seem to persist. June. (340A.)
- V. TETRASPERMA**, L.  
Rare. Grassland, Berlin Ave. near Woodruff St. the only station. June-July. (342A.-177B.)
- V. Cracca**, L. Blue Vetch  
Rare. Roadside in rich soil, Long Bottom St. near Mine Hollow St. the only station. July-Sept. (2644 Andrews Herb.)
- V. Faba**, L.  
Rare. Waste ground Liberty St. July-Sept. (27B.) Did not persist

## APIOS, Boerhaave. Ground Nut

- A. tuberosa**, Moench. (A. Apios, MacM.)  
Occasional. Damp thickets, usually along banks of streams; throughout. Aug.-Sept. (1487 Andrews Herb.)

## STROPHOSTYLES, Ell.

- S. angulosa**, Ell. (S. helvola, Britton.) Wild Bean  
Rare. Sandy roadsides, Buckland St.; Mulberry St. near South Main St. Aug.-Sept. (779A.-174B.)

## AMPHICARPA, Ell.

- A. monoica**, Nutt. (Falcata comosa, Kuntze.) Hog Peanut  
Common. Moist woods and thickets; throughout. July-Sept. (210 Andrews Herb.)

## CASSIA, Tourn. Senna

- C. marylandica**, L.  
Rare. Sandy soil, Welch St.; Mt. Vernon St. near Prospect St.; Compounce St. July-Aug. (152B.)
- C. nictitans**, L. Sensitive Plant  
Common. Dry, sandy, or sterile soil, roadsides and fields; throughout. July-Sept. (188 Andrews Herb.)

## GLEDITSCHIA, L. Honey Locust

- G. triacanthos**, L.  
Rare. Escaped from cultivation and well established, North Main St.; Flanders Road. June-July. (164B.)

## GERANIACEAE. GERANIUM FAMILY

## GERANIUM, Tourn. Cranesbill

- G. maculatum**, L.  
Common. Woods, fields, and roadsides in various situations and soils; throughout. May-June. (120A.-130B.)

**G. Robertianum, L. Herb Robert**

Frequent. Along rocky sides of trap hills, usually in shaded places. May-Oct. (119A.-131B.)

**G. carolinianum, L.**

Rare. Water St. near Hill St.; rocky fields near foot of Meriden Mt. at Clark's Farms St. May-July. (2342 Andrews Herb.)

**OXALIS, L. Wood Sorrel****O. cymosa, Small. (O. corniculata, L., var. stricta of Manual, in part)**

Common. Grasslands in both shaded and open places. May-Sept. (121A.-133B.)

**IMPATIENS, L. Jewel Weed****I. aurea, Muhl. (I. pallida, Nutt.)**

Frequent. Moist, shaded places, usually on rocky hillsides; not known from the valley. July-Sept. (845B.)

**I. biflora, Walt. (I. fulva, Nutt.)**

Common. Wet places, usually in shade; throughout. July-Sept. (132B.)

**LINACEAE. FLAX FAMILY****LINUM, Tourn. Flax****L. virginianum, L.**

Frequent. Sterile, sandy soil, more often in woods; throughout. July-Aug. (739A.-846B.)

**L. striatum, Walt.**

Occasional. Sandy soil in moist or wet places, mostly in shaded ground; throughout. July-Aug. (102A.-129B.)

**L. usitatissimum, L.**

Rare. Roadside near Oak Hill Cemetery. June-July. (860B.)

**RUTACEAE. RUE FAMILY****XANTHOXYLUM, L. Prickly Ash****X. americanum, Mill.**

Frequent. Hard, rocky soil, more often among the trap hills. April. (130A.-136B.)

**PTELEA, L. Shrubby Trefoil****P. trifoliata, L.**

Rare. Along fence row Prospect St. near West St. June-July. (99A.-135B.) An escape from cultivation.

**SIMARUBACEAE. AILANTHUS FAMILY****AILANTHUS, Desf.****A. GLANDULOSA, Desf. Tree-of-Heaven**

Occasional. Rocky pasture near East St. far from any planted tree; roadsides and fence rows; throughout. June. (134B.)

## FLORA OF SOUTHTON

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## POLYGALACEAE. MILKWORT FAMILY

## POLYGALA, Tourn. Milkwort

- P. paucifolia*, Willd. Flowering Wintergreen  
Frequent. Shaded places, either moist or dry; throughout. May-June. (188A-149B.)
- P. polygama*, Walt.  
Rare. On the sand plains between Center and Prospect Sts. July-Aug. (841B.)
- P. verticillata*, L.  
Common. Grassland, usually in dry soil; throughout. Aug. (151A-839B.)
- P. verticillata*, L., var. *ambigua*, Wood. (*P. ambigua*, Nutt.)  
Rare. Shaded ground Alcott Road. July-Aug. (151B.)
- P. Nuttallii*, Torr. and Gray  
Rare. Sand plains near Center St., growing with *P. polygama*. July-Aug. (840B.) Very rare in Connecticut
- P. sanguinea*, L. (*P. viridescens*, L.)  
Common. Grasslands, more often in moist soil; throughout. July-Sept. (117A-150B.) Flowers vary from purple to greenish white.

## EUPHORBIACEAE. SPURGE FAMILY

## EUPHORBIA, L. Spurge

- E. hirsuta*, Wiegand  
Occasional. Sandy, waste ground. Aug. (3158Bissell Herb.)
- E. maculata*, L.  
Frequent. Fields and waste ground, mostly in sandy soil; throughout. July-Sept. (1237Andrews Herb.)
- E. Preslii*, Guss. (*E. nutans*, Lag.)  
Common. Fields, roadsides, and waste places in various soils; throughout. July-Sept. (462A-529B.)
- E. CYPARISSIAS*, L.  
Occasional. Roadsides and about old houses as an escape from cultivation. May-June. (716A-527B.) Seldom forms fruit

## ACALYPHA, L. Three-seeded Mercury

- A. virginica*, L.  
Common. Woods, thickets, and fields, mostly in sandy soil; throughout. July-Sept. (526B.)
- A. gracilens*, Gray. (*A. virginica*, L., var. *gracilens*, Muhl.)  
Frequent. Dry fields and woods; throughout. July-Sept. (2935-Bissell Herb.)

## ANACARDIACEAE. SUMACH FAMILY

## RHUS, L. Sumach

- R. Toxicodendron, L.** (*R. radicans, L.*) Poison Ivy  
Common. Fence rows and meadows, climbing over rocks and trees and creeping through the grass. May-June. (124A.) Poison to most persons
- R. Vernix, L.** (*R. venenata, DC.*) Poison Sumach. Poison Elder  
Frequent. Swampy or wet places in both shade and open ground. June-July. (152 Andrews Herb.) Very poisonous to touch
- R. glabra, L.** Smooth Sumach  
Common. Pastures and along fence rows, spreading by running rootstocks and forming colonies, troublesome and difficult to eradicate in pastures in trap soil. July. (125A-147B.)
- R. typhina, L.** (*R. hirta, Sudw.*) Staghorn Sumach  
Frequent. Along fence rows and protected places. June. (126A-148B.)
- R. copallina, L.** Dwarf Sumach  
Rare. West St. north of Churchill St., where it assumes large proportions, in some cases reaching eighteen feet in height and several inches in diameter, but is usually a dwarf of three to five feet. July-Aug. (146B.)

## ILICINEAE. HOLLY FAMILY

## ILEX, L. Holly

- I. verticillata, Gray.** Winterberry  
Common. Moist or wet places; throughout. June-July. (94A-137B.)
- I. verticillata, Gray, var. tenuifolia, Watson;** see *Rhodora* 2: 105, 1900  
Rare. Low ground at foot of mountain, South Shuttle St., the only station. June. (844B.) Fruit larger than in the typical form and usually single instead of clusters in the axils of the leaves.

## NEMOPANTHUS, Raf.

- N. fascicularis, Raf.** (*Illicioides mucronata, Britton.*) Mountain Holly  
Occasional. Cold, swampy, or wet places; throughout. May-June. (742A-659B.)

## CELASTRACEAE. STAFFTREE FAMILY

## CELASTRUS, L. Waxwork

- C. scandens, L.** Climbing Bittersweet  
Frequent. Hedges and fence rows, more often in trap soil. June. (138B.) The showy orange and red fruit often gathered in autumn

## SAPINDACEAE. MAPLE FAMILY

## ACER, Tourn. Maple

## A. pennsylvanicum, L. Striped Maple

Rare. Cold woods, along the trap dykes, growing among rocks on the mountain sides, High Rock Mt., Meriden Mt., and Mine Hollow St. May. (127A.-141B.) A shrub or small tree

## A. spicatum, Lam. Mountain Maple

Rare. Growing with A. pennsylvanicum along the mountains. Here only a small shrub. May-June. (128A.-144B.)

## A. saccharum, Marsh. (A. saccharinum, Wang.) Rock Maple. Sugar Maple.

Frequent. Throughout, more often in trap soil. May. (143B.) A large, well-known tree, often planted as a shade tree

## A. saccharinum, L. (A. dasycarpum, Ehrh.) Silver Maple

Rare. Often planted and well established as an escape at a number of stations. March-April. (747A.-140B.) The earliest flowering of our trees. This species is common and native in the valleys of the Farmington and Connecticut Rivers, but is known only as an escape in Southton

## A. rubrum, L. Red Maple. Swamp Maple. Soft Maple

Common. Swamps, wet woods, and low fields, sometimes in dry places; throughout. April. (748A.-142B.) Varies in size from a small shrub in a peat swamp to a large tree. The scarlet foliage very conspicuous in autumn

## STAPHYLEA, L. Bladder Nut

## S. trifolia, L.

Rare. Thickets along the trap dykes and Hart St. near river. May. (97A.-145B.)

## RHAMNACEAE. BUCKTHORN FAMILY

## CEANOTHUS, L.

## C. americanus, L. New Jersey Tea

Common. Dry, sterile soil in both shaded and open places; throughout. July. (397A.-138B.)

## VITACEAE. VINE FAMILY

## VITIS, Tourn. Grape

## V. Labrusca, L. Fox Grape

Frequent. Woods, climbing high on trees, in thickets, and along fence rows; throughout. June. (857B.) Fruit large, round, from purple-black to red-brown, falling early

**V. aestivalis, Michx.** Frost Grape

Common. Woods, thickets, and along streams; throughout. June. (842A.-858B.) Fruit small, varying in flavor, but usually sour and astringent, persisting until early winter

**V. bicolor, LeConte.** (*V. aestivalis* of Gray Manual in part)

Rare. Dry, rocky ground, Berlin St. near Andrews St. the only station. June. (4819Bissell Herb.)

**V. vulpina, L.** (*V. riparia* of Gray Manual in part)

Rare. Dry hillsides in sterile, rocky soil. Andrews St. near Woodruff St.; Long Bottom St. near Plainville line. June. (843B.)

**AMPELOPSIS, Michx.** Virginia Creeper**A. quinquefolia, Michx.** (*Parthenocissus quinquefolia*, Planch.) Woodbine

Common. Rocky ledges and thickets, climbing over bushes and fences; throughout. June. (95A.) The crimson foliage very ornamental in autumn

**TILIACEAE. LINDEN FAMILY****TILIA, L.** Linden**T. americana, L.** Basswood

Occasional. Woodlands; throughout; in various soils. June-July. (101A.)

**MALVACEAE. MALLOW FAMILY****MALVA, L.** Mallow**M. ROTUNDIFOLIA, L.** Cheeses

Common. Waste places and cultivated ground; throughout; more often in heavy, trap soil. June-Oct. (115A.-128B.)

**M. sylvestris, L.**

Rare. Formerly along roadside, North Main St. near Chapman St. Apparently extinct now. Aug. (4473Bissell Herb.)

**M. MOSCHATA, L.** Musk Mallow

Rare. Sometimes seen in waste ground and along roadsides, an escape from cultivation. June-Aug. (847B.)

**M. Alcea, L.**

Rare. Formerly along roadside, Marion Ave., apparently now extinct. June-Aug. Specimen in Gray Herbarium. An escape from cultivation

**ABUTILON, Tourn.** Indian Mallow**A. THEOPHRASTI, Medic.** (*A. Avicenne*, Gaertn.) Velvet Leaf

Rare. Roadside, Andrews St. near Woodruff St.; Spring St. at R. R. Aug.-Sept. (114A.-127B.)

## HIBISCUS, L. Rose Mallow

**H. TRIONUM, L.** Bladder Ketmia

Rare. Sometimes found about old gardens. July-Aug. (2110 Andrews Herb.)

## HYPERICACEAE. ST. JOHN'S-WORT FAMILY

## HYPERICUM, Tourn. St. John's-wort

**H. Ascyron, L.**

Rare. Bank of small stream that passes around north end of Windrow Hill, the only station. July. (107A.-120B.)

**H. Bissellii, Robinson** (for description, with plate, see Rhodora, June, 1902)

Rare. Rocky open woods slope of Wolcott Mt. July-Aug. Type specimen in Gray Herbarium of Harvard University. At present this station along our granite hills is the only place where this recently described species is known to grow

**H. ellipticum, Hook.**

Common. Along streams and in damp places; throughout. July-Aug. (110A.-122B.)

**H. PERFORATUM, L.**

Common. Fields and waste ground in various soils; throughout. June-July. (109A.-125B.)

**H. maculatum, Walt.**

Common. Moist, sandy places; throughout. July-Aug. (111A.-123B.)

**H. mutilum, L.**

Common. Ditches, along banks of streams and in moist places; throughout. July-Sept. (171 Andrews Herb.)

**H. boreale, Bicknell**

Rare. At present known only from banks of Lake Compounce, probably can be found at other stations. Aug.-Sept. (4846 Bissell Herb.)

**H. canadense, L.**

Common. Wet, sandy soil; throughout. July-Sept. (105A.-121B.)

**H. nudicaule, Walt.** (*Sarothra gentianoides*, L.) Pine Weed

Common. Sandy or sterile soil; throughout. Aug.-Sept. (106A.-124B.)

**H. virginicum, L.** (*Elodes campanulata*, Pursh. *Triadenum virginicum*, Raf.)

Frequent. Shallow water, swamps, and wet meadows, often in shaded places; throughout. July-Sept. (96A.)

## ELATINACEAE. WATER-WORT FAMILY

## ELATINE, L.

**E. americana, Arn.** Water-wort

Rare. Muddy border of Cartwheel Pond the only station. July-Aug. (2455 Andrews Herb.)

## CISTACEAE. ROCK ROSE FAMILY

## HELIANTHEMUM, Tourn. Rock Rose

**H. canadense, Michx.**

Frequent. Dry, sandy, or gravelly soils; throughout. June-Aug. (98A.)

**H. majus, B. S. P.**

Frequent. Dry ground, growing with *H. canadense*. June-Aug. (88B.)

## LECHEA, Kalm. Pinweed

**L. major, Michx. (L. villosa, Ell.)**

Common. Dry, sandy ground; throughout; rare in trap soils. July-Aug. (122A.-89B.)

**L. intermedia, Leggett. (L. minor, Pursh., and 6 ed. Gray Manual)**

Common. Sandy or barren ground; throughout. July-Aug. (90B.)

**L. tenuifolia, Michx.**

Frequent. On the sand plains and barren soil along granite hills, not known on trap soils. July-Aug. (123A.-92B.)

## VIOLACEAE. VIOLET FAMILY

## VIOLA, L. Violet

**V. pedata, L. Birdfoot Violet**

Common. Sand plains and dry hills, in sandy soil, not found on heavy soils. May. (201A.-100B.)

**V. palmata, L.**

Frequent. Dry, shaded ground, mostly along the trap hills. May-June. (84Andrews Herb.)

**V. palmata, L., var. cucullata, Gray**

Common. Low meadows and wet places; throughout. May-June. (85Andrews Herb.)

**V. sagittata, Ait.**

Common. Woods, pastures, and hillsides; throughout. May-June. (87Andrews Herb.) This and the preceding species present many forms and a number of new species have recently been separated. We are unable to refer to these new species, as our material has not yet been sufficiently studied, and has not been compared with authentic specimens

**V. blanda, Willd.**

Common. Low meadows and wet places; throughout. May-June. (203A.-93B.)

**V. blanda, Willd., var. palustriformis, Gray**

Rare. Damp, mossy, shaded places, foot of Short Mt., border of Tamarack Swamp, Hart St. on Wolf Hill. May-June. (94B.)  
Very stoloniferous



- V. primulaefolia, L.**  
Occasional. Moist, sandy woods, Center St. near Dayton Brook,  
Queen St. at river. May-June. (205A-101B.)
- V. lanceolata, L.**  
Common. Swamps, border of ponds and low meadows; throughout.  
May-June. (198A-96B.)
- V. rotundifolia, Michx.**  
Frequent. Wooded slopes along Wolcott Mt., not known else-  
where. April. (744A.)
- V. pubescens, Ait.**  
Frequent. Shaded places, more often in rich woods; throughout.  
May-June. (200A-102B.)
- V. pubescens, Ait., var. scabriuscula, Torr. and Gray**  
Rare. Moist, rich woods, Long Bottom St. near Plainville line.  
April-May. (5421Bissell Herb.) Blooms earlier than the  
typical form
- V. rostrata, Pursh.**  
Rare. Wet woods, foot of Meriden Mt. near reservoir dam, Meri-  
den, about two miles from Southington line. Not known from  
Southington. May-June. (103B.)
- V. canina, L., var. Muhlenbergii, Gray. (V. labradorica, Schank.)**  
Frequent. Moist rich woods and thickets; throughout. May-  
June. (95B.)
- V. TRICOLOR, L. Pansy**  
Rare. Sometimes found about old gardens. April-Oct. (105B.)
- V. TRICOLOR, L., var. arvensis, DC. (V. tenella, Muhl. V. Rafenesquii,  
Greene)**  
Rare. Field, Queen St. near Dunham St., the only station. May-  
Oct. (98Andrews Herb.)

## THYMELEACEAE. MEZEREUM FAMILY

## DIRCA, L. Leatherwood

- D. palustris, L. Moosewood**  
Rare. Cold, wet woods, in rich soil, foot of Short Mt., the only  
station. April-May. (670A-524B.)

## LYTHRACEAE. LOOSESTRIFE FAMILY

## LYTHRUM, L. Loosestrife

- L. SALICARIA, L.**  
Rare. Bank of Quinnipiac River, south of Atwater St., the only  
station. July-Aug. (270A-219B.)

## DECODON, Gmel.

- D. verticillatus, Ell. Swamp Loosestrife**  
Frequent. Shallow water, border of ponds, usually in peat. July-  
Aug. (218B.)

## CUPHEA, Jacq.

**C. viscosissima**, Jacq. Clammy Cuphea

Rare. Moist hillside pasture Long Bottom St., Plainville, near Southington line. Aug. (901B.)

## MELASTOMACEAE. MELASTOMA FAMILY

## RHEXIA, L. Deergrass

**R. virginica**, L. Meadow Beauty

Frequent. Damp meadows and pastures, mostly in sandy soil; throughout. July-Sept. (273A.-217B.)

## ONAGRACEAE. EVENING PRIMROSE FAMILY

## LUDWIGIA, L.

**L. alternifolia**, L. Seedbox

Frequent. Damp places, mostly in sandy soil; throughout. July-Aug. (756A.-226B.)

**L. palustris**, Ell. (Isnardia palustris, L.) Water Purslane

Frequent. Muddy border of ponds and banks of streams; throughout. June-Oct. (755A.-885B.)

## EPILOBIUM, L. Willow-herb

**E. angustifolium**, L. (Chamaenerion angustifolium, Scop.)

Rare. Woodlands, more often where trees have been recently cut. July-Sept. (755A.-222B.)

**E. lineare**, Muhl.

Rare. Swampy pastures, Wolcott, about one mile from Southington line, not known from Southington. July-Aug. (280 Andrews Herb.)

**E. coloratum**, Muhl.

Common. Damp places, usually in shade; throughout. July-Aug. (287 Andrews Herb.)

**E. adenocaulon**, Haussk.

Rare. Wet ground, New Britain, about three miles from Southington line, not yet collected in Southington. July-Aug. (4241-Bissell Herb.)

## OENOTHERA, L. Evening Primrose

**OE. biennis**, L. (Onagra biennis, Scop.)

Frequent. Roadsides, pastures, and waste ground; throughout. June-Sept. (267A.)

**OE. pumila**, L. (Kneiffia pumila, Spach.)

Frequent. Dry fields and waste ground; throughout. June-Aug. (291 Andrews Herb.)

44 103 107

## CIRCAEA, L. Enchanter's Nightshade

**C. Lutetiana, L.**

Frequent. Moist woods; throughout. July-Aug. (221B.)

**C. alpina, L.**

Rare. Rocky woods, in moist, rich soil, slopes of Meriden Mt., foot of Short Mt. July-Aug. (296 Andrews Herb.)

## HALORAGACEAE. WATER MILFOIL FAMILY

## MYRIOPHYLLUM, Vail. Water Millfoil

**M. verticillatum, L.**

Frequent. Ponds and slow streams; throughout. June-Aug. (1920 Bissell Herb.)

## PROSERPINACA, L.

**P. palustris, L.** Mermaid Weed

Frequent. Swamps and borders of ponds; throughout. July-Aug. (350 Andrews Herb.)

## CALLITRICHE, L. Water Starwort

**C. palustris, L.** (*C. verna, L.*)

Frequent. Cold brooks and springs; throughout. June-Aug. (216B.)

**C. Austini, Engelm.** (*C. deflexa, Braun., var. Austini, Hegelm.*)

Rare. Moist, shaded ground, in old roadway, Pleasant St. June-July. (2688 Andrews Herb.) This is the most northerly reported station for this species in New England

## ARALIACEAE. GINSENG FAMILY

## ARALIA, Tourn. Wild Sarsaparilla

**A. racemosa, L.**

Occasional. Rich woods and thickets, more often in trap soil; throughout. July-Aug. (275A.-235B.)

**A. nudicaulis, L.**

Common. Woodlands, in various soils; throughout. June-July. (274A.-233B.)

**A. hispida, Vent.**

Rare. Rocky woods, Meriden Mt., just outside the Southington line. June-July. (841A.)

## PANAX, L.

**P. quinquefolium, L.** (*Aralia quinquefolia, Dec. and Planch.*) Ginseng.

Rare. Rich woods foot of Short Mt., foot of Meriden Mt., slopes of Wolcott Mt. July-Aug. (277A.-234B.)

**P. trifolium, L.** (*Aralia trifolia, Dec. and Planch.*)

Occasional. Moist, sandy woods; throughout. May-June. (276A.)

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## UMBELLIFERAE. PARSLEY FAMILY

## DAUCUS, Tourn. Carrot

**D. CAROTA, L.** Wild Carrot

Common. Dry or moist fields and pastures; throughout. June-Sept. (544A.) Often a troublesome weed

## ANGELICA, L.

**A. hirsuta, Muhl.** (*A. villosa*, Walt.)

Rare. Roadside and rocky pastures in wet ground, DeFashion St. near Marion Ave., the only station. July-Aug. (366 Andrews Herb.)

**A. atropurpurea, L.**

Rare. Wet meadow and along ditches, near Windrow Hill. June-July. (541A.)

## HERACLEUM, L.

**H. lanatum, Michx.** Cow Parsnip

Rare. Roadsides and waste ground, West St. near Curtis St., Sumner St. near Center St. June-July. (536A.)

## PASTINACA, L. Parsnip

**P. SATIVA, L.**

Common. Roadsides and along fence rows, in cultivated ground; throughout. July-Aug. (536A.)

## CRYPTOTAENIA, DC.

**C. canadensis, DC.** (*Deringa canadensis*, Kuntze.) Honewort

Frequent. Woods, fence rows, and about dwellings; throughout; usually in shaded places. June-July. (1443 Andrews Herb.)

## SIUM, Tourn. Water Parsnip

**S. cicutaeifolium, Gmelin.**

Occasional. Along streams or in wet places; throughout. July-Sept. (546A.)

## ZIZIA, Koch.

**Z. aurea, Koch.** Golden Meadow Parsnip

Common. Low meadows and pastures; throughout. May-June. (535A.)

## CARUM, L.

**C. CARUI, L.** Caraway

Occasional. Roadsides and waste places, as an escape from cultivation. June-July. (751A.)

CICUTA, L. Water Hemlock

- C. maculata**, L. Musquash Root  
Frequent. Ditches, banks of streams, and wet places; throughout.  
July-Aug. (540A.)
- C. bulbifera**, L.  
Occasional. Border of ponds and along streams; throughout.  
July-Aug. (539A.)

OSMORRHIZA, Raf. Sweet Cicely

- O. brevistylis**, DC. (Washingtonia Claytoni, Britton)  
Rare. Rich woods along the trap hills. May-June. (231B.)
- O. longistylis**, DC. (Washingtonia longistylis, Britton)  
Frequent. Roadsides, woods, and thickets; throughout. May-June. 543A.-232B.)

HYDROCOTYLE, Tourn. Water Pennywort

- H. americana**, L.  
Frequent. Moist, usually shaded places, creeping among grass and weeds. June-Sept. (230B.)

SANICULA, Tourn. Black Snakeroot

- S. marylandica**, L.  
Frequent. Woods and thickets in moist places; throughout. June-July. (2616 Andrews Herb.)
- S. gregaria**, Bicknell  
Rare. Rich woods, slope of Meriden Mt. near Savage St. June-July. (2581 Andrews Herb.)
- S. canadensis**, L.  
Rare. Rocky woods, Wolcott Mt. at Whitman St., foot of Short Mt. July. (2582 Andrews Herb.)
- S. trifoliata**, Bicknell  
Occasional. Rich woods, usually in rocky ground; throughout. June-July. (2615 Andrews Herb.)

CORNACEAE. DOGWOOD FAMILY

CORNUS, Tourn. Cornel

- C. florida**, L. Flowering Dogwood  
Frequent. Fields and rocky woodlands; throughout. May-June. (663A.-238B.)
- C. circinata**, L'Her.  
Occasional. Rocky woods among the trap hills. May-June. (753A.-237B.)
- C. sericea**, L. (C. Amonum, Mill.)  
Common. Thickets and along streams, usually in wet, but sometimes in dry places; throughout. June. (752A.)

**C. paniculata**, L'Her. (*C. candidissima*, Marsh.)

Common. Thickets and waste places, often in hard or sterile soils, throughout. June-July. (364A.)

**C. alternifolia**, L. f.

Common. Thickets, fence rows, and borders of woods; throughout. June. (365A.-236B.)

## NYSSA, L. Tupelo

**N. sylvatica**, Marsh. Pepperidge

Frequent. Wet ground, usually in rich soil; throughout. May. (265A.-239B.)

## ERICACEAE. HEATH FAMILY

## GAYLUSSACIA, H. B. K. Huckleberry

**G. dumosa**, Torr. and Gray

Rare. Sphagnum bog, Tamarack Swamp, the only station. June. (798A.-385B.)

**G. resinosa**, Torr. and Gray

Common. Thickets, pastures, and woodlands; throughout; more often in granite soil, along the Wolcott Mt. May. (5790Bissell Herb.) The berries from the granite region are superior in flavor to those from other soils

## VACCINIUM, L. Blueberry

**V. pennsylvanicum**, Lam.

Common. Sandy or sterile soils, more often in shaded places; throughout. May. (404A.-399B.)

**V. vacillans**, Solander.

Common. In all soils and various situations, but generally preferring sterile hills. May. (404A.-400B.)

**V. corymbosum**, L.

Common. Swamps, wet woods, and thickets; throughout. June. (438Andrews Herb.)

**V. corymbosum**, L., var. *atrococcum*, Gray. (*V. atrococcum*, Heller.)

Rare. Wet woods, Welch St. near Mt. Vernon St.; Dunham St. near Paton Brook, growing with the typical form. June. (2619-Andrews Herb.)

**V. Oxycoccus**, L. (*Oxycoccus Oxycoccus*, MacM.)

Rare. Growing in sphagnum, Tamarack Swamp, the only station. June-July. (799A.-398B.)

**V. macrocarpon**, Ait. (*Oxycoccus macrocarpus*, Pers.) Cranberry

Occasional. Wet, mossy places, usually in grassland; throughout. June-Aug. (405A.-397B.)

## ARCTOSTAPHYLOS, Adans. Bearberry

**A. Uva-ursi**, Spreng.

Rare. Exposed summit Meriden Mt. on Schlayer Farm; summit of Short Mt. May-June. (802A.-378B.)

## EPIGAEA, L. Mayflower

**E. repens**, L. Trailing Arbutus

Occasional. Woodlands along the slopes of Wolcott Mt., apparently confined to granite soil. April-May. (387A.-383B.)

## GAULTHERIA, Kalm. Aromatic Wintergreen

**G. procumbens**, L.

Frequent. Woods and thickets, in all soils; throughout. July-Aug. (384A.)

## ANDROMEDA, L.

**A. ligustrina**, Muhl. (*Xolisma ligustrina*, Britton)

Common. Thickets, fields, and along fence rows, in all soils; throughout. June-July. (394A.-377B.)

## CASSANDRA, Don.

**C. calyculata**, Don. (*Chamaedaphne calyculata*, Moench.) Leather-leaf

Occasional. Swamps and sphagnum bogs; throughout. May. (395A.-379B.)

## KALMIA, L.

**K. latifolia**, L. Mountain Laurel

Frequent. Woods and thickets, usually on rocky hillsides and preferring granite soil. June. (402A.-387B.)

**K. angustifolia**, L. Sheep Laurel

Common. Swamps, wet thickets, and pastures; throughout. June. (401A.-386B.)

## RHODODENDRON, L. Azalea

**R. viscosum**, Torr. (*Azalea viscosa*, L.) White Honeysuckle

Frequent. Bogs and wet thickets; throughout. July. (395B.)

**R. viscosum**, Torr., var. *glaucum*, Gray. (*Azalea viscosa*, L., var. *glaucum*, Michx.)

Rare. Wet thickets, Dunham St. near Paton Brook. July. (5797-Bissell Herb.)

**R. nudiflorum**, Torr. (*Azalea nudiflora*, L.) Pink Honeysuckle

Frequent. Woods, thickets, and old pastures; throughout. May-June. (392A.-393B.)

**R. Rhodora**, Don. (*Rhodora canadensis*, L.)

Rare. Moist, sandy woods, south of Jude Lane. May. (393A.-394B.)

## CLETHRA, Gronov. White Alder

**C. alnifolia**, L. Sweet Pepperbush

Frequent. Shaded swamps and wet thickets along streams, more often in the central valley than among the hills. July-Aug. (390A.-382B.) One of the most fragrant of our wild flowers

## CHIMAPHILA, Pursh. Pipsissewa

**C. umbellata**, Nutt. Prince's Pine

Frequent. Dry woodlands; throughout. July. (390A.-381B.)

**C. maculata**, Pursh. Spotted Prince's PineFrequent. Dry woods, growing with *C. umbellata*. July. (391A.-380B.)

## PYROLA, Tourn. Shinleaf

**P. secunda**, L.

Occasional. Shaded hillsides in either sandy or trap soils. June-July. (399A.-392B.)

**P. chlorantha**, Swartz

Rare. Dry, sandy woods, under evergreens, near Churchill St., the only known station. June-July. (672A.-389B.)

**P. elliptica**, Nutt.

Frequent. Woodlands in both dry and moist places, more often in sandy soil; throughout. June-July. (398A.-390B.)

**P. rotundifolia**, L.Occasional. Dry woods, growing with *P. elliptica*. June-July. (400A.-391B.)

## MONOTROPA, L.

**M. uniflora**, L. Indian Pipe

Frequent. Moist, rich woods, in deep shade; throughout. July-Aug. (388A.)

**M. Hypopitys**, L. (*Hypopitys Hypopitys*, Small.) Pine SapRare. Rich woods, sometimes growing with *M. uniflora*. June-July. (389A.-388B.)

## PRIMULACEAE. PRIMROSE FAMILY

## TRIENTALIS, L.

**T. americana**, Pursh. Starflower

Rare. Rich woods slope of Wolcott Mt. near Lake Compounce the only known station in Southington, but is found in the adjoining towns of Wolcott, Plainville, Meriden, and New Britain. May-June. (2789 Andrews Herb.)

## STEIRONEMA, Raf.

**S. ciliatum**, Raf. Fringed Loosetrife

Common. Thickets and low ground; throughout; usually in damp, but sometimes in dry places. July-Aug. (527A.-406B.)

## LYSIMACHIA, Tourn. Loosetrife

**L. quadrifolia**, L.

Frequent. Woods and shaded banks; throughout. June-July. (528A.)

2044 103 107

- L. stricta**, Ait. (*L. terrestris*, B. S. P.)  
Frequent. Border of ponds and streams, in shaded places; throughout. July-Aug. (529A.-404B.)
- L. NUMMULARIA**, L. Yellow Myrtle  
Frequent. Roadsides, lawns, and waste places, creeping in grass; throughout. June-Aug. (530A.-403B.)
- L. thysiflora**, L.  
Rare. Swampy meadow near river at Mill St. June. (2788Andrews Herb.)

ANAGALLIS, Tourn.

- A. arvensis**, L. Pimpernel  
Rare. Cultivated ground North Main St. June-July. (1706Andrews Herb.)

OLEACEAE. OLIVE FAMILY

FRAXINUS, Tourn. Ash

- F. pennsylvanica**, Marsh. (*F. pubescens*, Lam.) Red Ash  
Frequent. Moist places, usually along banks of streams or border of swamps; throughout. May. (1292Andrews Herb.)
- F. americana**, L. White Ash  
Common. Woods and roadsides, in all soils; throughout. May. (785A.-408B.)
- F. nigra**, Marsh. (*F. sambucifolia*, Lam.) Black Ash  
Rare. Wet ground, Panther Swamp, East St. near Savage St., near Windrow Hill. May. (805 and 503A.) Not yet found in fruit

SYRINGA, L. Lilac

- S. vulgaris**, L.  
Rare. Fence rows and about deserted houses, as an escape from cultivation. May. (497Andrews Herb.)

GENTIANACEAE. GENTIAN FAMILY

GENTIANA, Tourn. Gentian

- G. crinita**, Froel. Fringed Gentian  
Occasional. Moist meadows and pastures; throughout. Sept.-Oct. (420B.)
- G. Andrewsii**, Griseb. Closed Gentian  
Occasional. Moist ground about springs and along streams; throughout. Sept.-Oct. (469A.-419B.)

BARTONIA, Muhl.

- B. tenella**, Muhl. (*B. virginica*, B. S. P.)  
Frequent. Moist woods and pastures; throughout. Aug. (473A.-418B.)

## MENYANTHES, Tourn.

*M. trifoliata*, L. Buckbean

Rare. Swampy meadows, near Rohe's Pond. May. (135 Andrews Herb.)

## APOCYNACEAE. DOGBANE FAMILY

## APOCYNUM, Tourn. Dogbane

*A. androsaemifolium*, L.

Frequent. Fields, roadsides, and meadows, in various soils; throughout. June-July. (794A.)

*A. cannabinum*, L. Indian Hemp

Occasional. Dry, usually sandy soil; throughout. July-Aug. (795A-409B.) A peculiar form of this species, with densely pubescent leaves, has been collected on Long Bottom St., and is represented by 1275 Bissell Herb.)

## VINCA, L. Periwinkle

*V. minor*, L. Blue Myrtle

Rare. Roadsides and about old houses, as an escape from cultivation. May. (410B.)

## ASCLEPIADACEAE. MILKWEED FAMILY

## ASCLEPIAS, L. Milkweed

*A. tuberosa*, L. Butterfly Weed

Occasional. Roadsides and fields, in dry places; throughout. Plants usually solitary. July. (511A-416B.)

*A. purpurascens*, L.

Occasional. Mostly in hard, rather moist soil; throughout. June-July. (514A-414B.)

*A. incarnata*, L., var. *pulchra*, Pers. (*A. pulchra*, Ehrh.)

Common. Wet places and along streams; throughout. July-Aug. (512A-412B.)

*A. syriaca*, L. (*A. Cornuti*, Decaisne.)

Common. Roadsides, fields, and waste places; throughout. July. (411B.)

*A. obtusifolia*, Michx. (*A. amplexicaulis*, J. E. Smith)

Frequent. Roadsides and fields, in dry, sandy soil; throughout. July. (513A-413B.)

*A. phytolepis*, Pursh. (*A. exaltata*, Muhl.)

Rare. Border of thickets, Compounce Extension, Spring St., Andrews St., Curtis St. June-July. (502 Andrews Herb.)

*A. quadrifolia*, L.

Occasional. Rocky woods, usually in hard soil; throughout. June. (510A-415B.)

*A. verticillata*, L.

Rare. Dry, sandy, or gravelly soil, Woodruff St. near Pleasant St., Matthews St., Flanders St. near Oak Hill. July-Aug. (515A-417B.)



## CONVOLVULACEAE. MORNING-GLORY FAMILY

## CONVOLVULUS, Tourn. Bindweed

- C. sepium*, L. Wild Morning Glory  
Frequent. Thickets and waste ground; throughout. Aug. (494-Andrews Herb.)
- C. ARVENSIS*, L.  
Rare. Along roadside, Main St. near Carter Lane. June-July. (427B.)
- C. spithameus*, L.  
Rare. Dry, sandy hillsides, Hobart St., Main St., near Bristol St. June. (508A.-428B.)

## IPOMOEA, L. Morning Glory

- I. coccinea*, L. (Quamoelit coccinea, Moench.)  
Rare. Waste ground and about yard, corner Main and Hobart Sts. Sept. (495Andrews Herb.)
- I. PURPUREA*, Lam.  
Occasional. Persists about gardens and waste places. July-Sept. (1243Andrews Herb.)

## CUSCUTA, Tourn. Dodder

- C. Gronovii*, Willd.  
Common. Damp and wet places, growing on herbs and low shrubs; throughout. July-Aug. (430B.)
- C. EPITHYMUM*, Murr.  
Rare. Clover fields, Hill St., near Water St.; South End St. near Meriden Ave.; Lazy Lane. July-Sept. (13 and 429B.)

## POLEMONIACEAE. PHLOX FAMILY

## PHLOX, L.

- P. subulata*, L. Moss Pink  
Rare. Sandy ground, in and about Oak Hill Cemetery, Center St. Cemetery, Marion Ave. Cemetery. May. (796A.)
- P. paniculata*, L. Perennial Phlox  
Rare. Roadsides and about old gardens, as an escape from cultivation. July-Aug. (4894Bissell Herb.)

## BORRAGINACEAE. BORAGE FAMILY

## CYNOGLOSSUM, Tourn. Hound's Tongue

- C. virginicum*, L.  
Rare. Rocky woods, summit of Meriden Mt.; Meriden, near Southington town line. Not known from Southington. June. (2202-Andrews Herb.) One plant only found

## ECHINOSPERMUM, Lehm. Stickseed

- E. virginicum*, Lehm. (*Lappula virginiana*, Greene)  
Frequent. Woods and borders of thickets; throughout. July-Aug.  
(476A.-422B.)

## MYOSOTIS, L. Forget-me-not

- M. PALUSTRIS*, Lam.  
Occasional. Along brook Hobart St. May-July. (475A.)  
*M. laxa*, Lehm.  
Common. Wet places along streams; throughout. May-July.  
(425B.)  
*M. verna*, Nutt. (*M. virginica*, B. S. P.)  
Rare. Dry, exposed rock ledges, High Rock Mt., Short Mt., foot  
of Meriden Mt., near Clark's Farms St. May. (809A.)

## LITHOSPERMUM, Tourn. Gromwell

- L. ABVENSE*, L.  
Occasional. Fields and waste places, in sandy soil. May-June.  
(479A.-423B.)  
*L. OFFICINALE*, L.  
Frequent. Fields and woods in hard trap soil; throughout. June.  
(478A.-424B.)

## AMSINCKIA, Lehm.

- A. LYCOPSOIDES*, Lehm.  
Rare. Cultivated ground, corner Main and Hobart Sts. Introduced  
in some unknown manner from California. It was first noticed  
in 1894, has persisted, and now (1902) has spread somewhat.  
June-Aug. (474A.-12B.)

## SYMPHYTUM, Tourn. Comfrey

- S. OFFICINALE*, L.  
Rare. Along brook, Mine Hollow St. and Flanders Road; roadside  
Prospect St. at river. May-July. (477A.-426B.)

## ECHIUM, Tourn. Viper's Bugloss

- E. vulgare*, L.  
Rare. Formerly found in dry, sandy soil, Clark's Farms St., road-  
side Bristol St.; now seems to have disappeared at both stations.  
July. (517 Andrews Herb.)

## VERBENACEAE. Vervain FAMILY

## VERBENA, Tourn. Vervain

- V. urticaefolia*, L. White Vervain  
Frequent. Fields and waste places; throughout. July-Aug.  
(470A.)

**V. angustifolia, Michx.**

Rare. Sandy field near Lily Pond the only station. June.  
(463B.)

**V. hastata, L. Blue Vervain**

Frequent. Fields and waste ground, more often in moist places;  
throughout. July. (498A.-464B.)

**PHYMA, L.**
**P. Leptostachya, L. Lopseed**

Occasional. Woods and thickets, more often in rich soil; through-  
out. July-Aug. (462B.)

**LABIATAE. MINT FAMILY**
**TRICHOSTEMA, L. Blue Curls**
**T. dichotomum, L.**

Common. Dry, sandy fields and waste ground; throughout. July-  
Sept. (880B.)

**AJUGA, L. Bugle**
**A. reptans, L.**

Rare. In rich soil, field Berlin Road, at Sloper's Pond; roadside,  
Mt. Vernon St. near Prospect St. May. (16B.)

**COLLINSONIA, L. Horse Balm**
**C. canadensis, L.**

Common. Moist, rich woods; throughout; July-Sept. (467B.)

**PERILLA, L.**
**P. ocymoides, L. (P. frutescens, Britton)**

Rare. Formerly in cultivated ground, corner Main and Hobart  
Sts., but has now disappeared. July-Aug. (2795 Andrews Herb.)

**MENTHA, Tourn. Mint**
**M. viridis, L. (M. spicata, L.) Spearmint**

Frequent. Roadsides and fields, in moist places; throughout.  
July-Sept. (476B.)

**M. piperita, L. Peppermint**

Occasional. Roadsides and fields, in wet places; throughout.  
Aug.-Sept. (475B.)

**M. cardiaca, Gerarde.**

Rare. Roadside, in wet ground, Spring St. at brook. July-Aug.  
(4872 Bissell Herb.)

**M. bubra, Huds. (M. gentilis of authors. M. sativa, Gray Manual)**

Rare. Cultivated or waste ground, corner Liberty and Center Sts.,  
Meriden Ave. near Main St. July-Aug. (1748 Bissell Herb.)

**M. ARVENSIS, L.**

Occasional. Waste ground and along roadsides. July-Aug.  
(4871Bissell Herb.)

**M. ARVENSIS, L., var. canadensis, Briq. (M. canadensis, L.) Wild Mint**

Frequent. Roadsides, fields, and along streams, in wet places;  
throughout. July-Aug. (1753Bissell Herb.)

**LYCOPUS, Tourn. Water Horehound****L. virginicus, L.**

Common. Wet or moist places, usually in shaded ground; throughout. July-Sept. (5757Bissell Herb.)

**L. rubellus, Moench.**

Occasional. Low grounds; throughout. July-Sept. (4875Bissell Herb.)

**L. EUROPAEUS, L., var. sinuatus, Gray. (L. sinuatus, Ell.)**

Frequent. Roadsides and fields, in moist ground; throughout. July-Sept. (5241Bissell Herb.)

**PYCNANTHEMUM, Michx. Mountain Mint****P. lanceolatum, Pursh. (Koellia virginiana, MacM.)**

Common. Fields and roadsides, in dry soil; throughout. July-Aug. (480A.)

**P. linifolium, Pursh. (Koellia flexuosa, MacM.)**

Occasional. Sandy fields, either dry or moist. Usually growing in colonies. July-Aug. (481B.)

**P. verticillatum, Pers. (Koellia verticillata, Kuntze.)**

Rare. Hillside, in hard soil near river, North Main St., the only station. July-Aug. (6253Bissell Herb.)

**P. muticum, Pers. (Koellia mutica, Britton)**

Rare. Roadside in hard soil, Berlin, about two miles from South-  
ington line. This species, though common in nearby towns, has  
not been collected here. July-Sept. (1687Bissell Herb.)

**P. incanum, Michx. (Koellia incana, Kuntze.)**

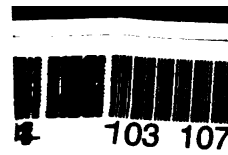
Frequent. Rocky pastures and hillsides, along Wolcott Mt. Not  
known elsewhere. July-Aug. (888B.)

**THYMUS, Tourn.****T. SERPYLLUM, L. Creeping Thyme**

Rare. In turf at Oak Hill Cemetery. June-Sept. (681Bissell Herb.)

**SATUREIA, Tourn. Savory****S. Clinopodium, Carnel. (Clinopodium vulgare, L. Calamintha Clinopodium, Benth.)**

Frequent. Woods, thickets, and roadsides; throughout. June-Sept. (466B.)



## SALVIA, L. Sage

*S. pratensis*, L.

Rare. Field between Summit and West Sts. One plant only found.  
June. (2346 Andrews Herb.)

## HEDEOMA, Pers. Mock Pennyroyal

*H. pulegioides*, Pers.

Common. Fields and hillsides, usually in dry, sterile soil; throughout. July-Aug. (468B.)

## MONARDA, L. Horse Mint

*M. didyma*, L. Bee Balm

Rare. Field and roadside, in rich soil, Andrews St. near Smith St.  
An escape from cultivation. July. (1684 Bissell Herb.)

*M. mollis*, L. (*M. fistulosa*, L., var. *mollis*, Benth.)

Rare. Hillside pasture in gravel soil, Flanders St. at Pleasant St.,  
the only station. July-Aug. (477B.)

*M. fistulosa*, L., var. *rubra*, Gray. (*M. media*, Willd.)

Rare. Formerly along roadside, North Shuttle St., but now (1902)  
apparently extinct. An escape from cultivation. July-Aug.  
(1745 Bissell Herb.)

## LOPHANTHUS, Benth. Giant Hyssop

*L. nepetoides*, Benth. (*Agastache nepetoides*, Kuntze.)

Rare. Roadside and field, in rich soil, Andrews St. at old quarry.  
Aug. (471B.)

## NEPETA, L. Cat Mint

*N. CATARIA*, L. Catnip

Frequent. Roadsides, fields, and waste places; throughout. July-Aug.  
(1739 Bissell Herb.)

*N. GLECHOMA*, Benth. (*Glechoma hederacea*, L.) Gill-over-the-ground

Frequent. Roadsides and about old yards, in moist, shaded places;  
throughout. April-May. (478B.)

## DRACOCEPHALUM, Tourn. Dragon-head

*D. parviflorum*, Nutt.

Rare. Waste ground, North Main St. June-July. (2643 Andrews Herb.)

## SCUTELLARIA, L. Skullcap

*S. lateriflora*, L.

Frequent. Wet places, often in shade; throughout. July-Aug.  
(484B.)

*S. galericulata*, L.

Occasional. Swamps and borders of ponds; throughout. July-Aug.  
(482B.)

## PRUNELLA, L. Self Heal

*P. vulgaris*, L. (*Brunella vulgaris*, L.)

Common. Fields and waste ground, in all soils; throughout. June-Sept. (465B.)

## PHYSOSTEGIA, Benth. False Dragon's Head

*P. virginiana*, Benth.

Occasional. Roadsides and waste ground, more often about old houses. Aug. (479B.)

## LEONURUS, L. Motherwort

*L. CARDIACA*, L.

Frequent. Roadsides and waste ground; throughout. June-July. (470B.) A form with abnormal flowers, having the corolla altered in shape and color, and the anthers changed to green, leafy appendages, has been collected on South End St., and described in *Rhodora* 2: 224, November, 1900. It is represented by 1682-Bissell Herb.

## LAMIUM, L. Dead Nettle

*L. AMPLEXICAULE*, L.

Rare. Waste ground and field, between Liberty and Main Sts. The only station. May-June. (1675Bissell Herb.)

*L. MACULATUM*, L.

Rare. Roadside in rich soil, corner Flanders Road and South Shuttle St. The only station. May-Oct. (469B.)

*L. ALBUM*, L.

Rare. Shaded ground in yards, North Main St., the only station. April-June. (1768Bissell Herb.)

## GALEOPSIS, L. Hemp Nettle

*G. TETRAHIT*, L.

Rare. Not collected in Southington, but has been collected in the adjoining town of Bristol and in Farmington about four miles from town line. July-Aug. (1760Bissell Herb.)

## SOLANACEAE. NIGHTSHADE FAMILY

## SOLANUM, Tourn. Nightshade

*S. DULCAMARA*, L. Bittersweet

Frequent. Wet thickets and along streams; throughout. June-Sept. (505A-432B.)

*S. nigrum*, L.

Occasional. Waste places and cultivated ground; throughout. July-Sept. (472A-883B.)

## PHYSALIS, L. Ground Cherry

- P. heterophylla**, Nees. (*P. virginiana* of the Gray Manual)  
Occasional. Sandy fields and roadsides, in dry soil; throughout.  
July-Sept. (5746Bissell Herb.)
- P. heterophylla**, Nees., var. *ambigua*, Rydberg.  
Rare. Along the dam, Crescent Lake, roadside North Shuttle St.  
July-Sept. (806A.-895B.)
- P. pruinosa**, L. (*P. pubescens* Am. authors in part)  
Frequent. Roadsides and cultivated ground; throughout. July-Aug. (5141Bissell Herb.)

## LYCIUM, L. Matrimony Vine

- L. vulgare**, Dunal.  
Rare. Roadside North Shuttle St. June-July. (5148Bissell Herb.) Escaped from cultivation

## DATURA, L. Jamestown Weed

- D. STRAMONIUM**, L.  
Occasional. Cultivated ground, more often in sandy loams. Aug.-Sept. (520Andrews Herb.)
- D. TATULA**, L. Thorn Apple  
Frequent. Gardens, yards, and waste places; throughout. Aug.-Sept. (522Andrews Herb.)
- D. meteloides**, DC.  
Rare. Formerly in waste ground near Liberty St., now (1902) has disappeared. Aug.-Sept. (521Andrews Herb.)

## SCROPHULARIACEAE. FIGWORT FAMILY

## VERBASCUM, L. Mullein

- V. THAPSUS**, L.  
Frequent. Fields and waste places; throughout; in dry soil. June-Aug. (160A.)
- V. BLATTARIA**, L. Moth Mullein  
Occasional. Fields, in sandy soil; throughout. June-July. (159A.-453B.)

## LINARIA, Tourn. Toad Flax

- L. canadensis**, Dumont.  
Frequent. Gravel or sandy soil; throughout. May-July. (444B.)
- L. VULGARIS**, Mill. (*L. Linaria*, Karst.) Butter-and-Eggs  
Common. Fields and waste ground, in all soils; throughout. June-Aug. (153A.-445B.)

## SCROPHULARIA, Tourn. Figwort

- S. nodosa**, L., var. *marilandica*, Gray. (*S. marilandica*, L.)  
Rare. Roadside, in wet ground, Mt. Vernon St., near Prospect St., the only station. July-Aug. (5754Bissell Herb.)

**S. leporella**, Bicknell

Occasional. Waste ground and border of fields. June. (3748Bis-sell Herb.)

## CHELONE, Tourn. Turtle Head

**C. glabra**, L.

Frequent. Along banks of streams and in wet places; throughout. Aug.-Sept. (156A.-434B.)

## PENTSTEMON, Mitchell. Beard-tongue

**P. pubescens**, Solander. (*P. hirsutus*, Willd.)

Rare. Grassland, usually in sandy soil. June-July. (168A.-451B.)

**P. laevigatus**, Solander. (*P. Pentstemon*, Britton)

Occasional. Fields and roadsides, in sandy loam. June. (157A.-450B.)

## MIMULUS, L. Monkey Flower

**M. ringens**, L.

Common. Banks of streams and wet places; throughout. July-Aug. (157A.-447B.)

## GRATIOLA, L. Hedge Hyssop

**G. virginiana**, L.

Common. Muddy banks of streams and ponds; throughout. July-Aug. (788A.-442B.)

## ILYSANTHES, Raf. False Pimpernel

**I. attenuata**, Small.

Frequent. Growing in mud, border of ponds and streams; throughout. June-Aug. (666A.-443B.)

## VERONICA, L. Speedwell

**V. virginica**, L. (*Leptandra virginica*, Nutt.) Culver's Root

Occasional. Fields and thickets; throughout. July-Aug. (162A.)

**V. americana**, Schwein. Brooklime

Rare. Wet places along brooks and about springs, among the trap hills. June-Aug. (789A.-454B.)

**V. scutellata**, L.

Frequent. Marshes, borders of ponds, and in wet places; throughout. June-July. (161A.-457B.)

**V. officinalis**, L.

Common. Woods and pastures in various soils; throughout. May-July. (164A.-455B.)

**V. serpyllifolia**, L.

Occasional. Roadsides, fields, and thickets, in moist places. May-June. (2459 Andrews Herb.)

**V. peregrina, L.**

Frequent. Gardens and cultivated ground; throughout. April-June. (163A-456B.)

**V. arvensis, L.**

Rare. Dry, rocky woods, foot of Meriden Mt. near Clark's Farms St. May-June. (2791 Andrews Herb.)

**GERARDIA, L. Foxglove**
**G. pedicularia, L. (Dasystoma pedicularia, Benth.)**

Occasional. Apparently confined to the sand plains of the valley. Aug-Sept. (158A-436B.)

**G. flava, L. (Dasystoma flava, Wood.)**

Frequent. Dry thickets and borders of woods; throughout. July-Aug. (551 Andrews Herb.)

**G. quercifolia, Pursh. (Dasystoma virginica, Britton)**

Rare. Dry woods, near Marion Ave. Aug-Sept. (4380 Bissell Herb.)

**G. purpurea, L., var. pauperula, Gray. (G. pauperula, Britton)**

Rare. Sandy swamp, near Spring St. Aug-Sept. (1183 Bissell Herb.)

**G. skinneriana, Wood.**

Rare. Sandy woods, south of Farmington R. R. station. Not known from Southington. Aug-Sept. (171A-439B.)

**G. tenuifolia, Vahl.**

Frequent. Woods and thickets; throughout. Aug. (440B.)

**CASTILLEJA, Mutis. Painted Cup**
**C. coccinea, Spreng.**

Occasional. Wet, springy meadows and pastures. May-June. (154A-433B.)

**ALECTOROLOPHUS, Bieb. Yellow Rattle**
**A. crista-galli, Bieb. (Rhinanthus crista-galli, L.)**

Rare. Cheshire, near Southington town line. Not known from Southington. June-July. (452B.)

**PEDICULARIS, Tourn. Lousewort**
**P. canadensis, L.**

Frequent. Border of woods and in low fields; throughout. May-June. (166A-448B.)

**P. lanceolata, Michx.**

Occasional. Wet places and about swamps; throughout. Aug-Sept. (165A-449B.)

**MELAMPYRUM, Tourn. Cow Wheat**
**M. lineare, Lam. (M. americanum, Michx.)**

Common. Woods and shaded ground, in dry soil; throughout. June-Aug. (155A-446B.)

## LENTIBULARIACEAE. BLADDERWORT FAMILY

## UTRICULARIA, L. Bladderwort

*U. vulgaris*, L.

Frequent. Floating in still water of ponds and ditches; throughout. July-Aug. (471A.-461B.)

*U. gibba*, L.

Rare. Shallow water or muddy border of Lily and Cusick Ponds. Aug.-Sept. (3325Bissell Herb.)

*U. cornuta*, Michx.

Rare. In sphagnum, Tamarack Swamp, the only station. July-Aug. (565Andrews Herb.)

## OROBANCHACEAE. BROOMRAPE FAMILY

## EPIPHEGUS, Nutt. Beechdrops

*E. virginiana*, Bart. (*Leptamnium virginianum*, Raf.)

Rare. Rich woods, under beech trees, foot of Meriden Mt. near Savage St.; Burritt St. near Clark St. Aug.-Sept. (460B.)

## CONOPHOLIS, Wallr.

*C. americana*, Wallr. Squaw Root

Rare. Rich woods, foot of Meriden Mt., the only station. June. (500A.-459B.)

## OROBANCHE, L. Broomrape

*O. uniflora*, L. (*Aphyllon uniflorum*, Gray. *Thalesia uniflora*, Britton)

Occasional. Woods, thickets, and fields, in moist soil; throughout. May-June. (501A.-458B.)

## PLANTAGINACEAE. PLANTAIN FAMILY

## PLANTAGO, L. Plantain

*P. major*, L.

Common. Fields, roadsides, and waste ground, in various soils; throughout. July-Sept. (525A.-488B.)

*P. Rugelii*, Dec.

Frequent. Woods and moist, shaded ground; throughout. July-Sept. (5931Bissell Herb.)

*P. lanceolata*, L.

Common. Fields and waste ground, in all soils; throughout. Often a troublesome weed in grassland. May-July. (526A.-487B.)

*P. aristata*, Michx. (*P. patagonica*, L., var. *aristata*, Gray)

Occasional. Fields and roadsides, brought in with grass seed. First collected here in 1897, now (1902) established in various parts of the town. June-Aug. (521A.-490B.)

RUBIACEAE. MADDER FAMILY

HOUSTONIA, L.

*H. caerulea*, L. Bluets

Common. Fields, pastures, and roadsides, in moist places; throughout. April-June. (749A.-255B.)

CEPHALANTHUS, L.

*C. occidentalis*, L. Buttonbush

Common. Ditches and ponds; throughout. July-Aug. (266A.-250B.)

MITCHELLA, L. Partridge Berry

*M. repens*, L. Clover Berry

Frequent. Woods and thickets, often under evergreens. June-July. (387A.)

GALIUM, L. Bedstraw

*G. mollugo*, L.

Rare. Well established in field, corner West and Prospect Sts. The only station. June. (5964Bissell Herb.)

*G. aparine*, L.

Frequent. Moist, shaded places; throughout. May-June. (762A.-251B.)

*G. pilosum*, Ait.

Frequent. Dry, sandy, or sterile soil; throughout. July-Aug. (376A.-254B.)

*G. circaeazans*, Michx.

Occasional. Rich woods; throughout. June-July. (374A.-252B.)

*G. lanceolatum*, Torr.

Occasional. Dry woodlands; throughout. June-July. (373A.-253B.)

*G. tinctorium*, L. (*G. trifidum*, L., var. *latifolium*, Torr.)

Frequent. Wet thickets and swamps; throughout. June-July. (377A.)

*G. claytoni*, Michx.

Frequent. Swamps and wet places; throughout. June-Aug. (4104Bissell Herb.)

*G. asprellum*, Michx.

Frequent. Wet places; throughout. June-July. (4130Bissell Herb.)

*G. triflorum*, Michx. Sweet-scented Bedstraw

Frequent. Woodlands, often in dry, rocky places; throughout. July-Aug. (375A.)

## CAPRIFOLIACEAE. HONEYSUCKLE FAMILY

## SAMBUCUS, L. Elder

**S. canadensis, L.**

Common. Border of woods and along fence rows; throughout.  
June. (380A.)

**S. racemosa, L. (S. pubens, Michx.)**

Occasional. Rocky places among the trap hills. May. (381A.-  
242B.)

## VIBURNUM, L. Arrow Wood

**V. Opulus, L. Cranberry Tree**

Rare. Border of Misery Swamp, one tree, and the only station.  
June. (384A.)

**V. acerifolium, L.**

Common. Dry woods and thickets; throughout. June. (385A.-  
244B.)

**V. pubescens, Pursh.**

Rare. Dry, rocky woods, edge of cliff, Meriden Mt. at Schlayer  
farm. June. (2752 Andrews Herb.)

**V. dentatum, L.**

Frequent. Banks of streams and in low grounds; throughout.  
June. (786A.-246B.)

**V. cassinoides, L.**

Frequent. Wet woods and about swamps; throughout. June-July.  
(382A.-245B.)

**V. Lentago, L. Sweet Viburnum**

Frequent. Thickets, fields, and fence rows, usually in dry soil.  
June. (383A.-247B.)

## TRIOSTEUM, L. Fever-wort

**T. aurantiacum, Bicknell. (T. perfoliatum of Authors in part)**

Occasional. Woods and pastures among the trap hills. May-  
June. (261A.-243B.)

## SYMPHORICARPOS, Dill.

**S. racemosus, Michx. Snowberry**

Occasional. An escape from cultivation. Along fence rows and  
about old dwellings. June-July. (1699 Andrews Herb.)

## LONICERA, L. Honeysuckle

**L. dioica, L. (L. glauca, Willd.)**

Occasional. Rocky woods; throughout. May-June. (759A.-241B.)

## DIERVILLA, Tourn.

**D. trifida, Moench. (D. Diervilla, MacM.) Bush Honeysuckle.**

Frequent. Woods and thickets, more often in rocky ground. June-  
July. (271A.-240B.)



VALERIANACEAE. VALERIAN FAMILY

VALERIANA, Tourn. Valerian

V. OFFICINALIS, L.

Rare. Roadside, Queen St. and Lazy Lane, the only station. An escape from cultivation. June-July. (272A.)

DIPSACEAE, Tourn. TEASEL FAMILY

DIPSACUS, Tourn. Teasel

D. SYLVESTRIS, Mill.

Rare. Roadside and fields, Andrews St. near foot of High Rock Mt., the only station. July-Aug. (256B.)

CUCURBITACEAE. GOURD FAMILY

SICYOS, L.

S. angulatus, L. One-seeded Star Cucumber

Rare. Waste ground, Liberty St. near Safety Ave. Aug.-Sept. (228B.)

ECHINOCYSTIS, Torr. and Gray

E. lobata, Torr. and Gray. (Micrampelis lobata, Greene.) Wild Balsam Apple

Frequent. Roadsides, thickets and waste places; throughout. Aug.-Sept. (227B.)

CAMPANULACEAE. CAMPANULA FAMILY

CAMPANULA, Tourn. Bellflower

C. RAPUNCULOIDES, L.

Occasional. Roadsides and fields; throughout. July-Aug. (524A.-374B.)

C. rotundifolia, L. Harebell

Occasional. Crevices of rock, along the trap dykes. June-Sept. (523A.-375B.)

C. aparinoides, Pursh.

Frequent. Damp meadows; throughout. June-Aug. (522A.-373B.)

C. carpatica, Jacq.

Rare. One or two specimens were found in meadow, Queen St., near Oak Hill, in 1898. Now (1902) has disappeared. June. (1950 Andrews Herb.)

SPECULARIA, Heist.

S. perfoliata, A. DC. (Legouzia perfoliata, Britton.) Venus' Looking-glass

Frequent. Dry, sandy, or sterile woods or fields; throughout. June-July. (376B.)

## LOBELIACEAE. LOBELIA FAMILY

## LOBELIA, L.

**L. cardinalis**, L. Cardinal Flower

Frequent. Banks of streams and in wet places, usually in half-shade; throughout. Aug.-Sept. (533A.-371B.)

**L. spicata**, Lam.

Frequent. Fields, meadows, and waste places; throughout. June-July. (531A.)

**L. inflata**, L. Indian Tobacco

Common. Waste and cultivated ground; throughout. July-Sept. (532A.-372B.)

## COMPOSITAE. COMPOSITE FAMILY

## VERNONIA, Schreb. Ironweed

**V. noveboracensis**, Willd.

Frequent. Low pastures and along streams; throughout. Aug.-Sept. (15A.-369B.)

## MIKANIA, Willd.

**M. scandens**, L. (*Willughbaea scandens*, Kuntze.) Climbing Hempweed

Occasional. Wet thickets and banks of streams, Misery Swamp and along Quinnipiac River. Aug.-Sept. (26A.-336B.)

## EUPATORIUM, Tourn. Thoroughwort

**E. purpureum**, L. Joe-pye Weed

Frequent. Wet woods and borders of thickets. July-Aug. (5892-Bissell Herb.)

**E. purpureum**, L., var. *maculatum*, Darl. (*E. maculatum*, L.)

Frequent. Moist or wet ground; throughout. July-Aug. (3753-Bissell Herb.)

**E. teucrifolium**, Willd. (*E. verbenaefolium*, Michx.)

Rare. Moist, sandy soil, Mulberry St. Aug.-Sept. (5321Bissell Herb.)

**E. rotundifolium**, L., var. *ovatum*, Torr. (*E. pubescens*, Muhl.)

Occasional. Moist, sandy woods and fields, Queen St. near river. Aug.-Sept. (4715Bissell Herb.)

**E. sessilifolium**, L.

Rare. Dry woods, Hart St. near river; Oak Hill; Meriden Ave. near Main St. Aug.-Sept. (44A.-312B.)

**E. perfoliatum**, L. Boneset

Common. Low grounds; throughout. Aug.-Sept. (41A.-310B.)

**E. ageratoides**, L.

Rare. Rich woods among the trap hills. Aug. (43A.-309B.)



## LIATRIS, Schreb. Blazing Star

*L. scariosa*, Willd. (*Lacinaria scariosa*, Hill)

Occasional. Dry, sandy soil, Hillside Ave., West Queen St., and along the sand plains. Aug.-Sept. (335B.)

## SOLIDAGO, L. Goldenrod

*S. squarrosa*, Muhl.

Occasional. Woodlands along the trap dykes. Sept. (76A.-362B.)

*S. caesia*, L.

Frequent. Rich woods and thickets, in various soils; throughout. Sept. (82A.-349B.)

*S. latifolia*, L. (*S. flexicaulis*, L.)

Occasional. Rocky woods, in rich soil, along the trap dykes. Sept. (81A.-351B.)

*S. bicolor*, L.

Common. Woods, thickets, and roadsides, in dry ground; throughout. Aug.-Sept. (78A.-348B.)

*S. puberula*, Nutt.

Frequent. Moist, sandy woods and thickets. Aug.-Sept. (7A.-357B.)

*S. speciosa*, Nutt.

Rare. Woodlands, North Shuttle St. near lake. Sept. (85A.-361B.)

*S. odora*, Ait.

Occasional. Sandy, moist ground, Queen St. near river, Center St. at brook. July-Aug. (79A.-355B.)

*S. patula*, Muhl.

Frequent. Swamps and wet places; throughout. Aug.-Sept. (74A.-356B.)

*S. rugosa*, Mill.

Common. Fence rows and borders of woods, growing in dense patches. Aug.-Sept. (75A.-359B.)

*S. ulmifolia*, Muhl.

Occasional. Borders of woods, in sandy soil; throughout. Aug. (364B.)

*S. Elliottii*, Torr. and Gray

Rare. Border of woods, in sandy soil, near Churchill St., the only station. Aug.-Sept. (28 and 29B.) Our specimens are not the typical form, but seem nearer to this than any other described species

*S. neglecta*, Torr. and Gray

Frequent. Swamps and wet places; throughout. Aug.-Sept. (353B.)

*S. arguta*, Ait.

Frequent. Border of woods and thickets; throughout. Aug.-Sept. (2A.-347B.) An early flowering form of this species occurs on Meriden Mt., blossoming in July

- S. juncea**, Ait.  
Common. Open fields and roadsides; throughout. July-Aug. (80A.-352B.)
- S. serotina**, Ait.  
Rare. Fields and border of woods, Woodruff St. near Andrews St., the only station. Aug. (365B.)
- S. serotina**, Ait., var. **gigantea**, Gray  
Occasional. Moist thickets and borders of woods. Aug.-Sept. (86A.-865B.)
- S. canadensis**, L.  
Common. Fields, fence rows, and border of woods; throughout; growing in colonies. Aug.-Sept. (429 Andrews Herb.)
- S. nemoralis**, Ait.  
Common. Open, sandy, or sterile fields; throughout; sometimes covering large areas of the sand plains. Sept. (84A.-365B.)
- S. lanceolata**, L. (*Euthamia graminifolia*, Nutt.)  
Frequent. Moist fields and roadsides; throughout. Aug.-Sept. (77A.-350B.)
- S. tenuifolia**, Pursh. (*Euthamia caroliniana*, Greene)  
Rare. Moist, sandy ground, Spring St. and Lazy Lane, growing in colonies. Aug.-Sept. (83A.-363B.)

SERICOCARPUS, Nees. White-topped Aster

- S. conyzoides**, Nees. (*S. asteroides*, B. S. P.)  
Common. Woods and open ground, in sandy or sterile soil; throughout. July-Aug. (21A.-345B.)
- S. solidagineus**, Nees. (*S. linifolius*, B. S. P.)  
Rare. Sandy ground in half-shade, Compounce St., the only station in Southington. Has been collected in Plainville near the town line. July. (45A.-346B.)

ASTER, L.

- A. divaricatus**, L. (*A. corymbosus*, Ait.)  
Frequent. Border of woods and thickets, more often in dry soil; throughout. Aug.-Sept. (57A.-271B.)
- A. divaricatus**, L., var. **persallens**, Burgess  
Occasional. Clearings, in rocky woods, along the trap hills. Aug.-Sept. (2442 Andrews Herb.)
- A. Schreberi**, Nees.  
Frequent. Borders of woods and thickets, in hard or gravel soils. July-Aug. (700A.)
- A. macrophyllus**, L.  
Rare. Rocky woods, slope of Meriden Mt., on Schlayer farm. Aug. (5843 Bissell Herb.)
- A. macrophyllus**, L., var. **pinguifolius**, Burgess  
Rare. Rocky woods, Wolcott Mt. near Lake Compounce; Meriden Mt. July-Aug. (2718 Andrews Herb.)



- A. macrophyllus**, L., var. **ianthinus**, Fernald in herb. (*A. ianthinus*, Burgess)  
Rare. Moist, rocky woods, summit of Meriden Mt., growing with var. *pinguifolius*. July-Aug. (2717 Andrews Herb.)
- A. novae-angliae**, L.  
Frequent. Wet pastures and low ground; throughout. Aug.-Sept. (67A.-281B.)
- A. patens**, Ait.  
Frequent. Sandy or sterile open places; throughout. Aug.-Sept. (63A.-285B.)
- A. undulatus**, L.  
Common. Dry thickets, hillsides, and woods; throughout. Sept.-Oct. (59A.-290B.)
- A. cordifolius**, L.  
Frequent. Woods and thickets, usually in hard soil; throughout. Sept.-Oct. (58A.)
- A. cordifolius**, L., var. **polycephalus**, Porter  
Occasional. Borders of thickets, in moist soil. Aug.-Sept. (3607-Bissell Herb.)
- A. cordifolius**, L., var. **lanceolatus**, Porter  
Rare. Rich woods, South Shuttle St. near Smith St., the only station. Sept. (1911 Andrews Herb.)
- A. laevis**, L.  
Frequent. Borders of woods and thickets; throughout. Sept. (73A.-277B.) Varies greatly as to the shape of leaves
- A. concinnus**, Willd.  
Rare. Rocky woods. This is the only known station for this rare species in New England. A station in Pennsylvania, one in Arkansas, one in Canada, and a doubtful one in North Carolina, are the only ones where it is known to grow. Sept. (764A.)
- A. ericoides**, L.  
Common. Fields, roadsides, and woods, mostly in dry soil. Sept.-Nov. (56A.-275B.)
- A. multiflorus**, Ait.  
Common. Fields and roadsides, in dry soil; throughout. Sept.-Oct. (55A.-280B.)
- A. dumosus**, L.  
Frequent. Along the sand plains, usually in half-shade. Aug.-Sept. (72A.-274B.)
- A. vimineus**, Lam.  
Frequent. Fields and roadsides, usually in moist soil; throughout. Sept. (60A.-292B.)
- A. vimineus**, Lam., var. **foliosus**, Gray  
Occasional. Fields and roadsides, growing with the typical form. Sept. (3695 Bissell Herb.)
- A. diffusus**, Ait. (*A. lateriflorus*, Britton)  
Common. Woods and thickets, both dry and moist soils; throughout. Sept.-Oct. (70A.-272B.) Varies greatly in habit and foliage

- A. paniculatus**, Lam.  
Frequent. Hedgerows and banks, in moist soil; throughout. Sept.-Oct. (284B.)
- A. longifolius**, Lam.  
Rare. Border of woods, in moist soil, Hobart St., the only station. Aug. (3588Bissell Herb.)
- A. novi-belgii**, L.  
Rare. Moist thickets, Churchill St. at river; Black Pond. Sept. (3593Bissell Herb.)
- A. puniceus**, L.  
Common. Swamps, ditches, and wet places; throughout. Sept.-Oct. (62A.-286B.)
- A. umbellatus**, Mill. (*Doellingeria umbellata*, Nees.)  
Frequent. Thickets and woods, in moist, sandy soil. Aug.-Sept. (64A.-289B.)
- A. infirmus**, Michx. (*Doellingeria infirma*, Greene)  
Occasional. Woodlands, usually in dry, rocky soil; throughout. July-Aug. (66A.-276B.)
- A. linariifolius**, L. (*Ionactis linariifolius*, Greene)  
Frequent. Dry, sandy, or sterile ground; throughout. Aug.-Sept. (65A.-278B.)
- A. acuminatus**, Michx.  
Occasional. Moist, rich woods; throughout. Aug.-Sept. (61A.-268B.)

## ERIGERON, L. Fleabane

- E. canadensis**, L. (*Leptilon canadense*, Britton.) Horseweed  
Common. Waste places, more often in dry ground; throughout. July-Sept. (38A.-307B.)
- E. annuus**, Pers.  
Common. Fields and waste places; throughout. June-Aug. (305B.)
- E. strigosus**, Muhl. (*E. ramosus*, B. S. P.)  
Frequent. Roadsides and fields; throughout. June-Aug. (39A.)
- E. philadelphicus**, L.  
Rare. In grassland, near roadside, Curtis St., the only station. May-June. (5A.-308B.)
- E. bellidifolius**, Muhl. (*E. pulchellus*, Michx.) Robin's Plantain  
Common. Fields and banks, in moist soil; throughout. May-June. (40A.-306B.)

## ANTENNARIA, Gaertn. Everlasting

- A. canadensis**, Greene  
Rare. Sandy fields, Marion Ave. near Wonx Spring St. May-June. (2375Andrews Herb.)
- A. neglecta**, Greene  
Common. Sterile pastures, fields, and woods; throughout. May. (685A.-263B.)



- A. plantaginea**, R. Br.  
Occasional. Dry fields and woods; throughout. May. (683A-262B.)
- A. plantaginea**, R. Br., var. **petiolata**, Fernald  
Frequent. Growing with and more plentiful than the type. May. (689A.)
- A. ambigens**, Fernald  
Frequent. Sandy fields and woods; throughout. May-June. (680A.)
- A. neodiolca**, Greene  
Frequent. Dry, sterile places; throughout. May-June. (2301-Andrews Herb.)

## ANAPHALIS, DC.

- A. margaritacea**, Benth. and Hook. Pearly Everlasting  
Common. Dry woods and fields; throughout; growing in patches. Aug.-Sept. (11A-261B.)

## GNAPHALIUM, L. Cudweed

- G. polycephalum**, Michx. (*G. obtusifolium*, L.)  
Common. Dry, sterile ground; throughout. Aug.-Sept. (315B.)
- G. decurrens**, Ives  
Rare. Dry fields, Mt. Vernon St. near Prospect St., the only station. Aug. (314B.)
- G. uliginosum**, L.  
Common. Roadsides and fields, in moist places, often in trodden ground. July-Sept. (316B.)

## INULA, L.

- I. HELENIUM**, L. Elecampane  
Frequent. Rocky places, in moist fields and pastures, among the trap hills. Aug.-Sept. (16A.)

## AMBROSIA, Tourn. Ragweed

- A. trifida**, L.  
Rare. Roadside and field, South End St. near schoolhouse, the only station. July-Aug. (14A-260B.)
- A. trifida**, L., var. **integrifolia**, Torr. and Gray  
Rare. Growing with the typical form. July-Aug. (259B.)
- A. artemisiaefolia**, L.  
Common. Everywhere, a pernicious weed. In making up a list of weeds, as regards their relative abundance, data taken from sixteen different fields, covering all varieties of soil and situation, show this species to be abundant in every case. July-Sept. (15A-258B.)

## XANTHIUM, Tourn. Cocklebur

**X. canadense, Mill.**

Rare. Waste ground, Liberty St., Plantsville near river. July-Sept. (24A.-370B.)

## HELIOPSIS, Pers. Oxeye

**H. laevis, Pers. (H. helianthoides, B. S. P.)**

Rare. Sandy thicket, near Hart's Pond, the only station. July-Aug. (2620 Andrews Herb.)

**H. scabra, Dunal.**

Rare. Rocky thicket, in dry soil, Berlin about one mile from Southington line. Not found elsewhere. Aug.-Sept. (2621 Andrews Herb.)

## RUDBECKIA, L. Coneflower

**R. laciniata, L.**

Occasional. Banks of streams and in moist places; throughout. Aug.-Sept. (12A.-342B.)

**R. hirta, L. Black-eyed Susan. Yellow Daisy**

Common. Fields and meadows; throughout. June-July. (13A.-341B.) Fifty years ago this species was very rare and was probably introduced with grass seed about that time

## HELIANTHUS, L. Sunflower

**H. annuus, L.**

Occasional. Waste places and about gardens, as an escape from cultivation. Aug.-Sept. (1523 Andrews Herb.)

**H. divaricatus, L.**

Common. Dry woods and thickets; throughout; growing in colonies. Aug.-Sept. (87A.-319B.)

**H. strumosus, L.**

Common. Dry woods and banks; throughout. Aug.-Sept. (89A.-321B.)

**H. decapetalus, L.**

Frequent. Moist thickets and borders of woods; throughout. Aug.-Sept. (88A.-318B.)

**H. tuberosus, L. Jerusalem Artichoke**

Occasional. Fence rows and waste ground; throughout. Sept.-Oct. (322B.)

## COREOPSIS, L. Tickseed

**C. lanceolata, L.**

Rare. Formerly along roadside Wonx Spring St., now extinct. July. (1323 Andrews Herb.)



BIDENS, L. Bur Marigold

- B. discoidea**, Britton. (*Coreopsis discoidea*, Torr. and Gray)  
Rare. Border of Cusick Pond. Aug.-Sept. (2622 Andrews Herb.)
- B. frondosa**, L. Beggarticks  
Common. Cultivated ground and waste places; throughout. Aug.-Sept. (8A.-296B.)
- B. comosa**, Wiegand. (*B. connata*, Muhl., var. *comosa*, Gray)  
Frequent. Swamps and wet places; throughout. Aug.-Sept. (5302 Bissell Herb.) It is probable that *B. connata*, Muhl., is found here, but no specimen of it is at hand
- B. cernua**, L.  
Common. Along streams and about ponds; throughout. Sept.-Oct. (9A.-293B.)

GALINSOGA, R. and P.

- G. PARVIFLORA**, Cav. Galinsoga  
Occasional. Roadsides and cultivated ground, Andrews St., Bristol St. July-Sept. (17A.)

HELENIUM, L. Sneezeweed

- H. autumnale**, L.  
Rare. Banks of Quinnipiac River at Meriden and Waterbury Turnpike, the only station. Sept. (317B.)

ANTHEMIS, L. Chamomile

- A. COTULA**, DC. Mayweed  
Frequent. Roadsides and about gardens. July-Sept. (19A.-265B.)
- A. arvensis**, L.  
Rare. Fields and roadsides, Center St. near West St., Main St. near Hobart St. June-July. (1484 Andrews Herb.)
- A. tinctoria**, L.  
Rare. Roadside, Main St., near Hobart St., the only station. June-July. (48A.)

ACHILLAEA, L. Yarrow

- A. Millefolium**, L.  
Common. Fields, roadsides, and waste places; throughout. June-Aug. (30A.-257B.) A form with pink flowers is planted in gardens and sometimes escapes

CHRYSANTHEMUM, Tourn.

- C. LEUCANTHEMUM**, L. Oxeye Daisy  
Common. Meadows and fields; throughout. May-July. (23A.)
- C. PARTHENIUM**, Pers. Feverfew  
Rare. Roadsides, as an escape from cultivation, Berlin Road near Sloper's Pond, Flanders St. near Pleasant St. July-Aug. (22A.-298B.)

**C. BALSAMITA, L., var. TANACETOIDES, Boiss.**

Rare. Roadsides, Main St. at Chapman St., Flanders Road at Mine Hollow St. An escape from gardens. Sept.-Oct. (815A.)

**TANACETUM, L.****T. VULGARE, L. Tansy**

Frequent. Roadsides and open fields; throughout. Aug. (29A.-366B.)

**ARTEMISIA, L. Wormwood****A. VULGARIS, L. Mugwort**

Rare. Fence row corner Beecher and Hill Sts., the only station. July-Aug. (20A.-267B.)

**TUSSILAGO, Tourn.****T. FARFARA, L. Coltsfoot**

Rare. Wet clay bank along Humiston Brook, near Cherry St., the only station. May. (2591 Andrews Herb.)

**SENECIO, Tourn. Groundsel****S. VULGARIS, L.**

Occasional. Gardens and cultivated ground. June-July. (1A.)

**S. aureus, L. Golden Ragwort**

Frequent. Swamps and wet ground; throughout. May-June. (343B.)

**S. obovatus, Muhl. (S. aureus, L., var. obovatus, Torr. and Gray)**

Rare. Dry, rocky ground in trap soil, top of Short Mt., Andrews St. at cement quarry. May-June. (344B.)

**ERECHTITES, Raf.****E. prealta, Raf. (E. hieracifolia, Raf.) Fireweed**

Common. Woodlands and waste ground, often in recent clearings; throughout. July-Sept. (304B.)

**CALENDULA, L.****C. officinalis, L. Pot Marigold**

Rare. Cultivated ground North Main St. June-Aug. (1510 Andrews Herb.) Does not persist

**ARCTIUM, L. Burdock****A. LAPPULA, L. (A. Lappa, L., var. majus, Gray)**

Frequent. Roadsides and waste ground; throughout. Aug.-Sept. (2602 Andrews Herb.)

**A. MINUS, Bernh. (A. Lappa, L., var. minus, Gray)**

Common. Waste ground; throughout. Aug.-Sept. (2603 Andrews Herb.)



## CIRSIIUM, Tourn. Thistle

- C. LANCEOLATUM**, Scop. (*Carduus lanceolatus*, L.)  
Frequent. Pastures and roadsides, mostly confined to trap soils.  
Aug.-Sept. (710A.-302B.)
- C. altissimum**, Spreng., var. *discolor*, Fernald in herb. (*Carduus discolor*, Nutt.)  
Rare. Sandy fields and thickets, Hart St. at river, Lansing St.  
near Pleasant St. Aug.-Sept. (300B.)
- C. muticum**, Michx. (*Carduus muticus*, Pers.) Swamp Thistle  
Occasional. Sandy swamps or wet places. Aug.-Sept. (36A.-303B.)
- C. pumilum**, Spreng. (*Carduus odoratus*, Porter)  
Common. Pastures and open fields, in various soils; throughout.  
July-Sept. (35A.)
- C. ARVENSE**, Scop. (*Carduus arvensis*, Robs.) Canada Thistle  
Frequent. Fields and pastures in rich, heavy soils, growing in  
colonies. July-Aug. (37A.-301B.)

## CENTAUREA, L. Star Thistle

- C. CYANUS**, L. Bluebottle  
Rare. An escape about old gardens. June-Aug. (5019Bissell  
Herb.)
- C. JACEA**, L.  
Rare. Fields and cultivated ground, South End St., Pleasant St.  
near Cusick Pond. June-Sept. (25A.-297B.)

## KRIGIA, Schreber.

- K. virginica**, Willd. (*Adopogon carolinianum*, Britton.) Dwarf  
Dandelion  
Frequent. Fields and woods, in sandy sterile soil; throughout.  
April-Sept. (331B.)

## CICHORIUM, Tourn. Chicory

- C. INTYBUS**, L. Blue Sailors  
Frequent. Roadsides, fields, and cultivated ground. June-Aug.  
(46A.)

## TRAGOPOGON, L.

- T. PORRIFOLIUS**, L. Oyster Plant  
Rare. Roadsides and fields, as an escape; Mill St. near West St.,  
Meriden Ave. June. (1502Andrews Herb.)

## LEONTODON, L. Hawkbit

- L. AUTUMNALIS**, L. Fall Dandelion  
Common. Low, moist meadows, and fields; throughout. June-  
Sept. (3433Bissell Herb.)
- L. AUTUMNALIS**, L., var. *PRATENSIS*, Koch.  
Occasional. Growing with the type. June-Sept. (28A.)

## PICRIS, L.

**P. ECHIOIDES, L.**

Rare. Cultivated field, Main St. near Hobart St., the only station.  
July-Sept. (47A.-9B.)

## HIERACIUM, Tourn. Hawkweed

**H. PILOSELLA, L.**

Rare. Well established in turf at Oak Hill Cemetery, the only station. June. (49A.-327B.)

**H. AURANTIACUM, L.**

Frequent. Fields and roadsides; throughout. June-July. (6A.-323B.)

**H. canadense, Michx.**

Frequent. Shady banks and open fields, in dry soil; throughout. Aug.-Sept. (51A.-324B.)

**H. paniculatum, L.**

Frequent. Dry woods; throughout. July-Sept. (50A.-326B.)

**H. venosum, L.**

Frequent. Woods and shady banks, in dry soil. June-July. (54A.-329B.)

**H. scabrum, Michx.**

Frequent. Sandy woods and dry places; throughout. Aug. (52A.-328B.)

**H. Gronovii, L.**

Frequent. Along the sand plains and in dry, sterile places; throughout. Aug.-Sept. (58A.-325B.)

## PRENANTHES, Vaill. Rattlesnake Root

**P. alba, L. (Nabulus albus, Hook.)**

Occasional. Rich woods, more often in trap soil. Aug.-Sept. (34A.-338B.)

**P. Serpentaria, Pursh. (Nabulus serpentarius, Hook.)**

Rare. Rocky woods, near Shuttle Meadow Lake. Sept. (340B.)

**P. trifoliolata, Fernald**

Rare. Rocky woods in rich soil. Aug.-Sept. (900B.)

**P. altissima, L. (Nabulus altissimus, Hook.)**

Frequent. Woodlands, in various soils; throughout. Varies much as to form of leaves. Sept. (33A.-339B.)

## TARAXACUM, Hall. Dandelion

**T. OFFICINALE, Weber. (T. Taraxacum, Karst.)**

Common. Fields and waste ground; throughout; more often in rich, heavy soils. March-June. (367B.)

**T. ERYTHROSPERMUM, Anderz.**

Rare. Woods and roadsides, apparently confined to trap soils. March-May. (2593 Andrews Herb.)

## LACTUCA, Tourn. Lettuce

**L. canadensis, L.**

Frequent. Fields and roadsides, usually in dry soil; throughout.

June-July. (31A.-332B.)

**L. canadensis, L., var. integrifolia, Gray. (L. integrifolia, Bigel.)**

Occasional. Growing with the typical form. June-July. (32A.-333B.)

**L. lucophaea, Gray. (L. spicata, Hitchcock)**

Frequent. Moist, rich soil, roadsides and fields. Aug.-Sept.  
(1192 Andrews Herb.)

## SONCHUS, L. Sow Thistle

**S. OLERACEUS, L.**

Rare. Cultivated ground, North Main St. July. (3377 Bissell Herb.)

**S. ASPER, Vill.**

Occasional. Gardens and cultivated or waste ground. June-July.  
(27A.)

## STATISTICAL SUMMARIES.

In the following summaries varieties are counted with species.  
Distribution of species and varieties among the principal families.

### PTERIDOPHYTES.

	Genera.	Species and Varieties. Native.	Foreign.	Total.
Filices, . . . . .	15	35	0	35
The other four families, . . . . .	4	15	0	15

### GYMNOSPERMS.

Coniferæ, . . . . .	7	9	3	12
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### ANGIOSPERMS.

#### MONOCOTYLEDONS :

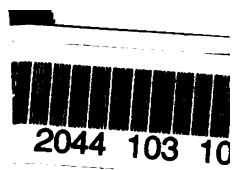
Cyperaceæ, . . . . .	10	124	0	124
Gramineæ, . . . . .	34	84	24	108
Liliaceæ, . . . . .	19	23	5	28
Orchidaceæ, . . . . .	11	26	0	26
Naiadaceæ, . . . . .	2	13	0	13
Juncaceæ, . . . . .	2	12	0	12
The other ten families, . . . . .	19	25	1	26

#### DICOTYLEDONS :

Compositæ, . . . . .	41	115	30	145
Rosaceæ, . . . . .	11	43	12	55
Leguminosæ, . . . . .	17	35	11	46
Labiata, . . . . .	21	22	16	38
Crucifera, . . . . .	15	19	14	33
Ranunculaceæ, . . . . .	12	27	3	30
Scrophulariaceæ, . . . . .	14	26	4	30
Ericaceæ, . . . . .	13	23	0	23
Polygonaceæ, . . . . .	4	18	8	26
Cupulifera, . . . . .	8	22	0	22
Carophyllaceæ, . . . . .	11	6	16	22
Salicaceæ, . . . . .	2	14	5	19
Umbellifera, . . . . .	12	15	3	18
Violaceæ, . . . . .	1	13	2	15
Caprifoliaceæ, . . . . .	6	12	0	12
Rubiaceæ, . . . . .	4	11	1	12
Urticaceæ, . . . . .	9	10	2	12
The other sixty-five families, . . . . .	126	187	51	233

#### Number and systematic distribution of species.

	Native.	Foreign.	Total.
Pteridophytes, . . . . .	50	0	50
Gymnosperms, . . . . .	9	3	12
Angiosperms—Monocotyledons, . . . . .	307	30	337
Dicotyledons, . . . . .	624	178	802
Totals, . . . . .	990	211	1,201



It is stated in the preface that the flora of Southington is an unusually representative one. Some data in regard to this may be interesting. A very carefully prepared flora of the State of Vermont has recently been published. Practically the same division of species and varieties is followed in both floras, so that an accurate comparison can be made.

Our Southington flora lists in all 1,201 numbers. Deducting the plants classed as waifs and those listed from outside the town limits, we have 1,152 as the actual number known to grow without cultivation in the town.

The Vermont flora gives 1,563 numbers. Thus we have growing in the six miles square of the town of Southington practically three-fourths as many species as are found in the entire State of Vermont. There are without doubt species growing here that are not given in our flora, but we believe there are few local lists that can give as large a number of species from such a limited area. Tables showing the relative abundance of some of the principal Orders and Genera here and in Vermont are given below.

COMPARATIVE TABLE.

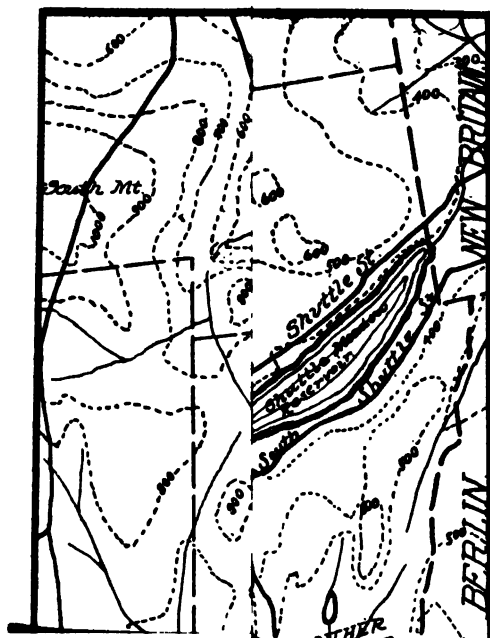
Orders.	Species and Varieties.	
	Vermont Flora.	Southington Flora.
Filices, . . . . .	46	35
Gramineæ, . . . . .	130	108
Cyperaceæ, . . . . .	192	124
Liliaceæ, . . . . .	30	28
Orchidaceæ, . . . . .	43	26
Cupuliferæ, . . . . .	26	22
Salicaceæ, . . . . .	28	19
Polygonaceæ, . . . . .	31	26
Ranunculaceæ, . . . . .	35	30
Cruciferae, . . . . .	41	33
Rosaceæ, . . . . .	76	55
Leguminosæ, . . . . .	46	46
Ericaceæ, . . . . .	39	28
Labiatae, . . . . .	45	38
Compositæ, . . . . .	171	145
Genera.		
Carex, . . . . .	135	84
Potamogeton, . . . . .	26	12
Scirpus, . . . . .	20	15
Panicum, . . . . .	19	26
Juncus, . . . . .	15	11
Habenaria, . . . . .	12	8
Aster, . . . . .	39	28
Solidago, . . . . .	25	20
Polygonum, . . . . .	22	19
Salix, . . . . .	22	12
Viola, . . . . .	16	15
Rubus, . . . . .	16	12
Galium, . . . . .	15	9
Ranunculus, . . . . .	15	12
Vaccinium, . . . . .	11	6
Quercus, . . . . .	11	8
Hypericum, . . . . .	10	10
Desmodium, . . . . .	6	10
Lespedeza, . . . . .	4	8
Prunus, . . . . .	7	8

# ABBREVIATIONS OF THE NAMES OF AUTHORS.

Adans.	Adanson, Michel	Lag.	Lagasca, Mariano
Ait.	Aiton, William	Lam.	Lamarck, Jean Baptiste Antoine
All.	Allioni, Carlo		Pierre Monnet
Andrz.	Andrzejowski, Anton Lukianowicz	Lehm.	Lehmann, Johann Georg Christian
Arn.	Arnott, George Arnold Walker	Lindl.	Lindley, John
Anst.	Austin, Coe Finch	Lond.	London, John Claudius
Bart.	Barton, William P. C.	MacM.	MacMillan, Conway
Beauv.	Palisot de Beauvois, A. M. F. J.	Marsh.	Marshall, Humphrey
Benth.	Benthams, George	Medic.	Medicus, Friedrich Cassimir
Bernh.	Bernhardi, Johann Jacob	Melsn.	Melsner, Carl Friedrich
Bess.	Besser, Wilhelm S. J. von	Michx.	Michaux, Andre
Bieb.	Bieberstein, F. A. M. von	Michx. f.	Michaux, Francois Andre
Bigel.	Bigelow, Jacob	Mill.	Miller, Philip
Boeckl.	Boeckeler, Otto	Millep.	Millsap, Charles Frederic
Boles.	Boissier, Edmond	Moq.	Moquin-Tandon, Alfred
Borkh.	Borckhausen, Moritz Belthazar	Muhl.	Muhlenberg, Heinrich Ludwig
B. S. P.	Britton, N. L.; Sterns, Emerson	Murr.	Murray, Johann Andreas
	Alexander; Poggenburg, Justus	Nutt.	Nuttall, Thomas
Carr.	Carriere, Elie Abel	Pers.	Persoon, Christian Hendrik
Cav.	Cavanilles, Antonio Jose	Planch.	Planchon, Jules Emile
Cham.	Chamisso, Adelbert von	Polr.	Polret, Jean Louis Marie
C. & S.,	Cham. & Sch. Chamisso & Schlechtendahl	Polz.	Pollich, Johann Adam
		R. Br.	Brown, Robert
		Raf.	Rafinesque-Schmaltz, Constantino
			Samuel
Coult.	Coulter, John Merle	Roem.	Roemer, Johann Jacob
Darl.	Darlington, William	R. & S.	Roemer, J. J. and Schultes, Joseph
DC.	DeCandolle, Augustin Pyramus		August
A. DC.	DeCandolle, Alphonse	Rostk.	Rostkovius, Friedrich Wilhelm
Dec.	Decaisne, Joseph		Gottlieb
Desf.	Desfontaine, René Louiche	Rottb.	Rottboell, Christen Fries
Desv.	Desvaux, Nicolas Augustin	R. & P.	Ruiz, Lopez Hipolito, and Pavon,
Dietr.	Dietrich, David Nathaniel Frederick		Josef
Dill.	Dillen, John Jacob	Sallab.	Sallisbury, Richard Anthony
Ehrh.	Ehrhart, Friedrich	Sartw.	Sartwell, Henry P.
Ell.	Elliott, Stephen	Schleid.	Schleiden, Matthias Jacob
Endl.	Endlicher, Stephen Ladislaus	Schrad.	Schrader, Heinrich Adolph
Engelm.	Engelmann, George	Schreb.	Schreber, Johann Christian Daniel
Fisch.	Fischer, Friedrich Ernst Ludwig		von
	von	Schum.	Schumacher, Christian Friedrich
Froel.	Froelich, Joseph Aloys	Schwein.	Schweinitz, Lewis David von
Gaertn.	Gaertner, Carl Friedrich	Scop.	Scopoli, Johann Anton
Gaud.	Gaudichaud-Beaupré, Charles	Scribn.	Scribner, Frank Lamson
Gmel.	Gmelin, Samuel Gottlieb	Sibth.	Sibthorp, John
Griseb.	Grisebach, Heinrich Rudolf August	Soland.	Solander, Daniel
Gronov.	Gronovius, Jan Frederik	Spreng.	Sprengel, Kurt
Guss.	Gussone, Giovanni	Stued.	Stuedel, Ernest Gottlieb
Hack.	Hackel, Eduard	Sudw.	Sudworth, George B.
Hall.	Haller, Albert von	Sw.	Swartz, Olof
Hauskn.	Hausknecht, Carl	Thunb.	Thunberg, Carl Peter
HBK.	Humboldt, Friedrich Alexander	Thurb.	Thurber, George
	von; Bonpland, Aime and Kunth,	Torr.	Torrey, John
	Carl Siegesmund	Tourn.	Tournefort, Joseph Pitton de
Hegelm.	Hegelmaier, Friedrich	Trin.	Trinius, Karl Bernhard
Hochst.	Hochstetter, Christian Friedrich	Tuckerm.	Tuckerman, Edward
Hoffm.	Hoffmann, Johann Centurius	Vent.	Ventenat, Etienne Pierre
Hook.	Hooker, William Jackson	Wahl.	Wahlenberg, Georg
Huds.	Hudson, William	Wallr.	Wallroth, Karl Friedrich Wilhelm
Jacq.	Jacquin, Nicolas Joseph	Walt.	Walter, Thomas
Juss.	Jussieu, Antoine Laurent	Wigg.	Wiggers, Friedrich Heinrich
Karst.	Karsten, H.	Willd.	Willdenow, Carl Ludwig
L.	Linnaeus, Carolus, or Carl von Linne		
L. f.	Linne, Carl von (the son)		
L'Her.	L'Heritier de Brutelle, Charles Louis		



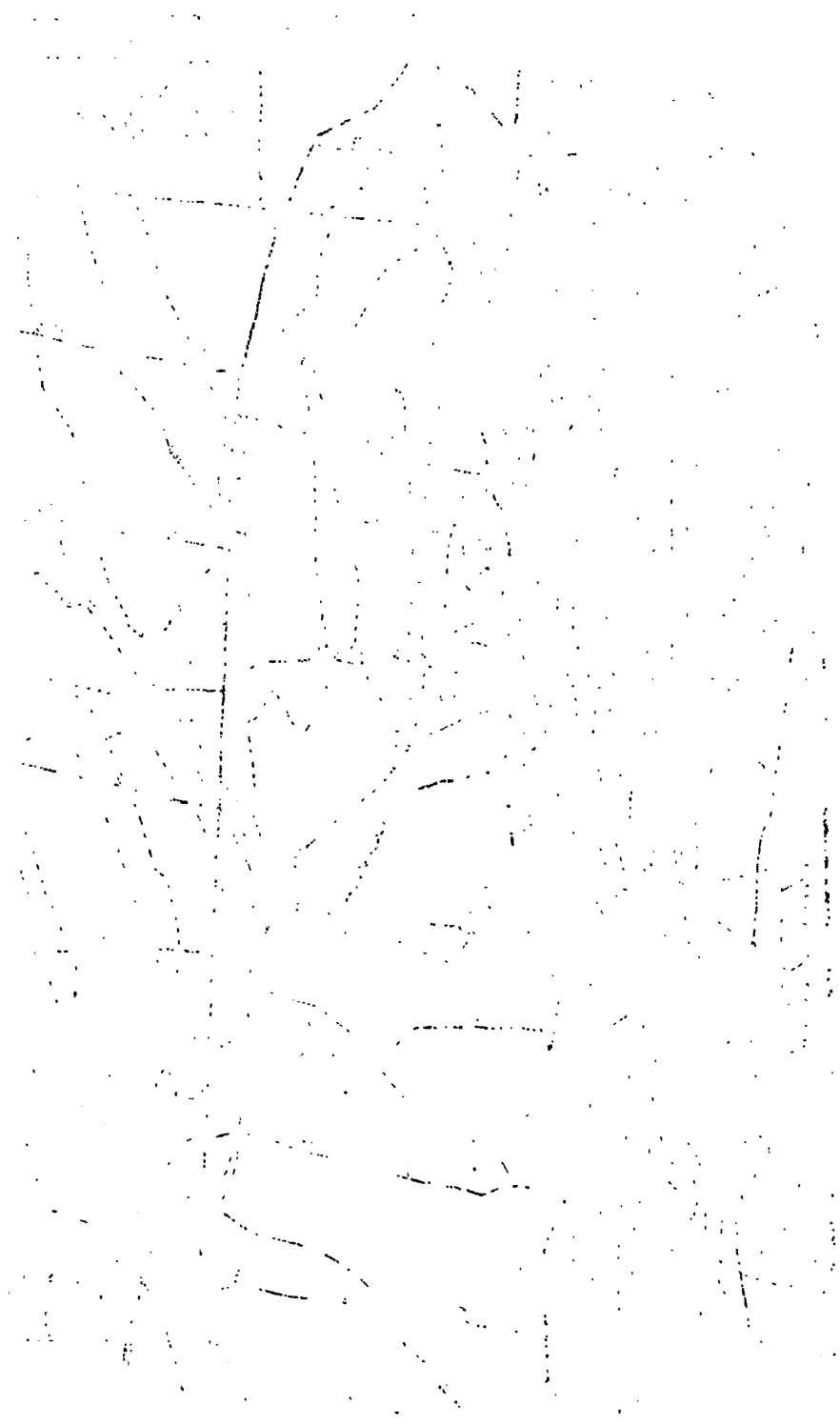
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**Bro-D**

INDUSTRI

Newark • Los  
Brantford, I



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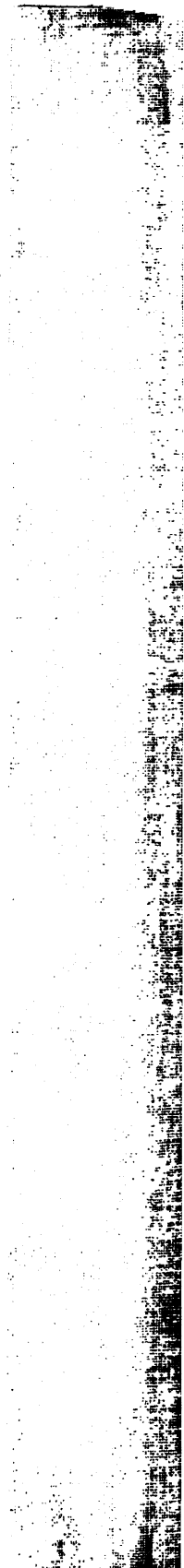
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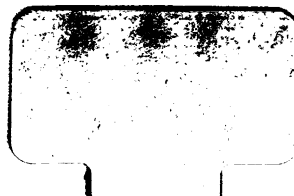
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